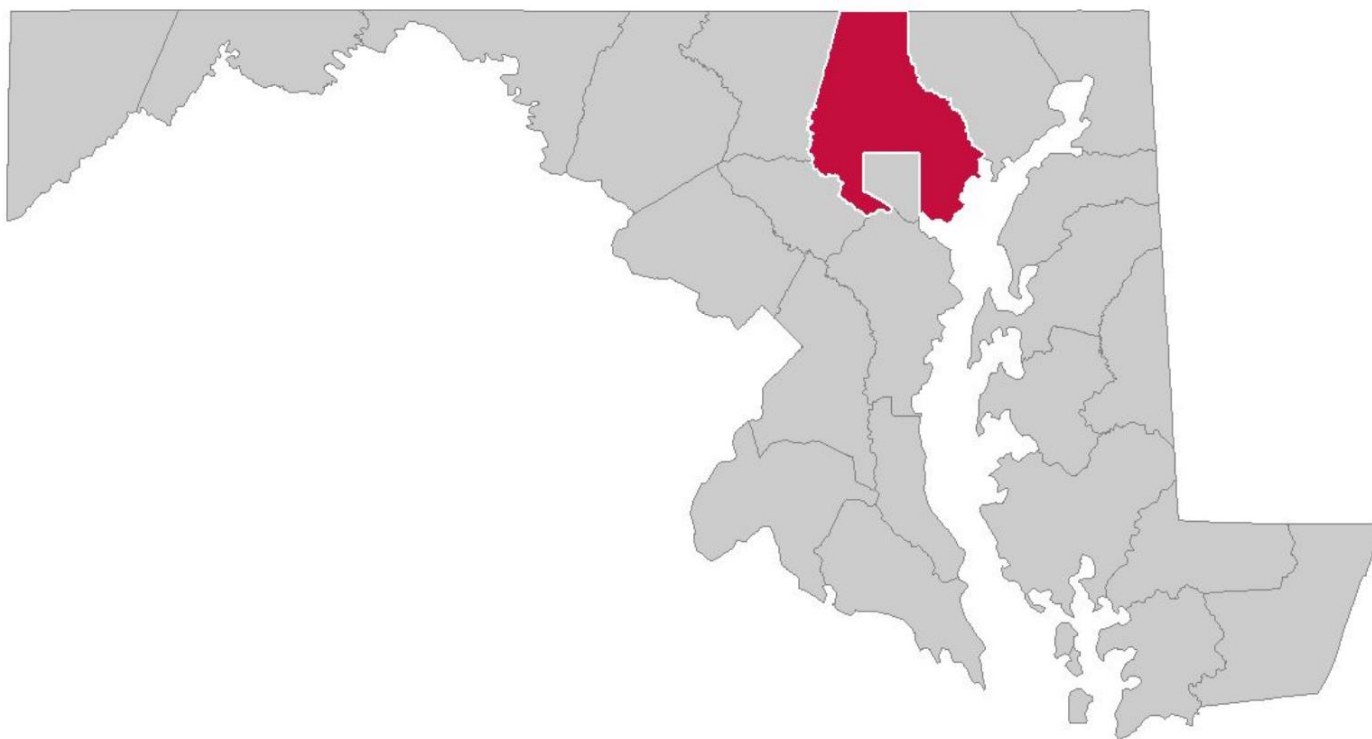


2018



Baltimore County Annual HIV Epidemiological Profile

Data reported through June 30, 2019



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Prevention and Health Services Bureau
Prevention and Health Promotion Administration
<http://phpa.health.maryland.gov/OIDEOR/CHSE>
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that people living with HIV be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Physicians are required to report infants born to mothers living with HIV within 48 hours to the Maryland Department of Health by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the Maryland Department of Health to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland Department of Health, by mailing the State of Maryland HIV/CD4 Laboratory Reporting Form (DHMH 4492). Laboratories are encouraged to contact the Maryland Department of Health to establish electronic reporting.

Reporting forms and instructions, including mailing addresses and phone numbers, are available on our website: <https://phpa.health.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Maryland Department of Health, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people receiving medical care, often only at facilities in Maryland, and only includes information that has been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

HIV Incidence: The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.2 percent for the United States and 13.8 percent for Maryland in 2016. Using the CDC CD4 depletion model on Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 11.6 percent in 2017.

Maryland Residence: This epidemiological profile provides estimates of people living with diagnosed HIV in Maryland by their residence as of December 31, 2018. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years

presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care during the most recent ten and a half years. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates.

Maryland Residence – Correctional Facilities: People living with diagnosed HIV who were reported to be residing in a state or federal prison as of December 31, 2018 will be presented in the Maryland epidemiological profile only. For surveillance purposes, pre- or post-incarceration residential addresses are used for people living with diagnosed HIV who were incarcerated in local jails and detention centers. Individuals diagnosed or previously identified as residing in a correctional facility, whose most recent reported residential address indicates they were not residing in a state/federal correctional facility as of December 31, 2018, are included with estimates of people who are not incarcerated. The movement of persons between Maryland correctional facilities is not reflected in this report.

Gender Identity: This epidemiological profile describes gender expansive people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Historically, it has been difficult to fully present data by gender identity. Data on gender expansive people has been limited in the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS). No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number gender expansive people living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Race/Ethnicity: The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity. This report may be overreporting the number of Multiracial people living with diagnosed HIV because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

Foreign-Born Maryland Residents: The completeness of reporting a person's country of birth is variable in surveillance data. Not all agencies collect or have complete data on nativity. In addition, some individuals may immigrate to the U.S. with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

Mortality: Mortality (death) data is presented in this epidemiological profile. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

Viral Suppression: In this epidemiological profile, viral suppression is defined as the most recent viral load measured in the specified year of less than 200 copies per milliliter. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

Changes in Terminology

The terminology for HIV and AIDS surveillance data was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and People Living with Diagnosed HIV replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both newly and previously diagnosed individuals as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, reports received through a certain time (six months after December 31st of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the

Reported HIV Diagnoses for 2018 are the total number of people diagnosed with HIV from January 1, 2018 to December 31, 2018, as reported by name through June 30, 2019.

To calculate the number of people living with diagnosed HIV, we count all reported diagnoses from the beginning of the epidemic (all new diagnoses each year) and subtract all reported deaths. For example, the total people living with diagnosed HIV on December 31, 2018 are the total reported HIV diagnoses not reported to have died as of December 31, 2018 as reported by name through June 30, 2019.

Stages of HIV Surveillance

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can contract HIV but never be screened for HIV and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the health department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

An instance of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9] but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV transmission [time point 1].

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent. Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, are known as viral suppression. Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's eHARS, as of June 30, 2019.

Population data by sex, age, and race/ethnicity are from the July 1, 2018 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2017 American Community Survey. This produces a difference in total population due to the different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of people living with diagnosed HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Exposure/risk data is not suppressed due to statistical adjustment resulting in the reporting of estimated or probable risk.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Male-to-male Sexual Contact (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Heterosexual Contact (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

Perinatal Exposure: Any baby born to a woman living with diagnosed HIV.

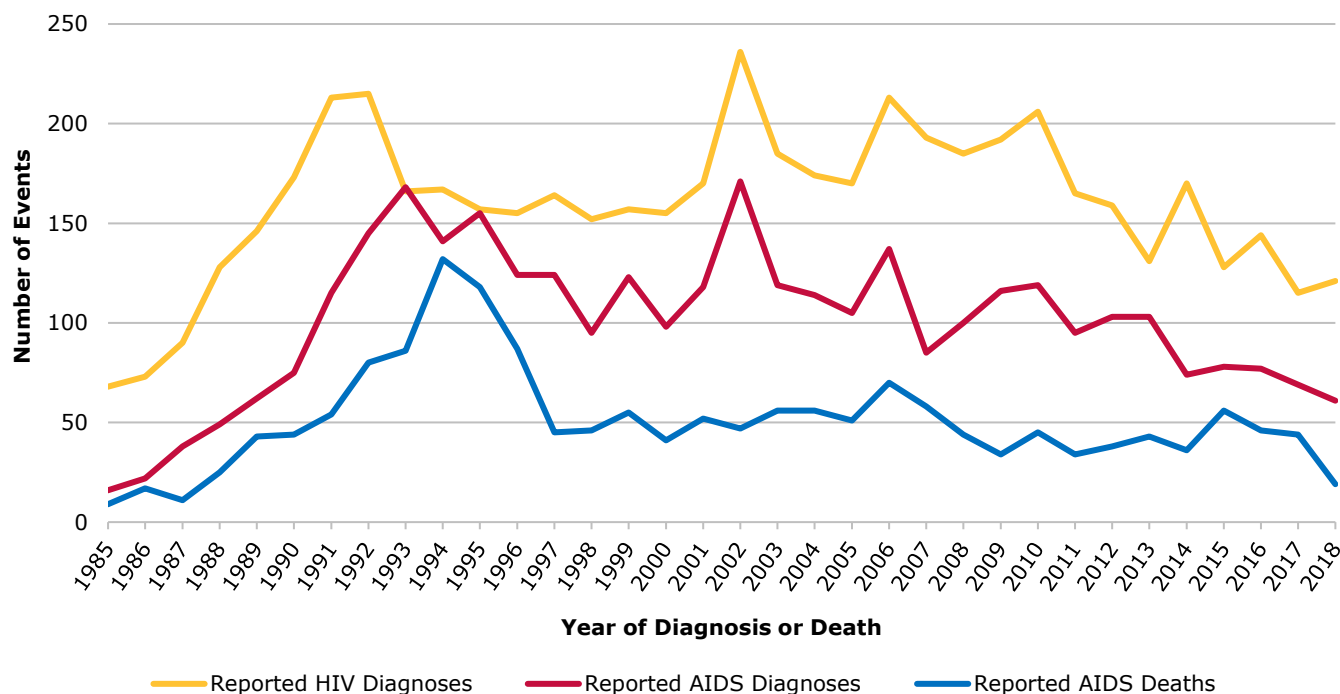
Other Exposure: Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual person as well as data in aggregate from other people living with diagnosed HIV in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2018

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2018 as Reported through June 30, 2019

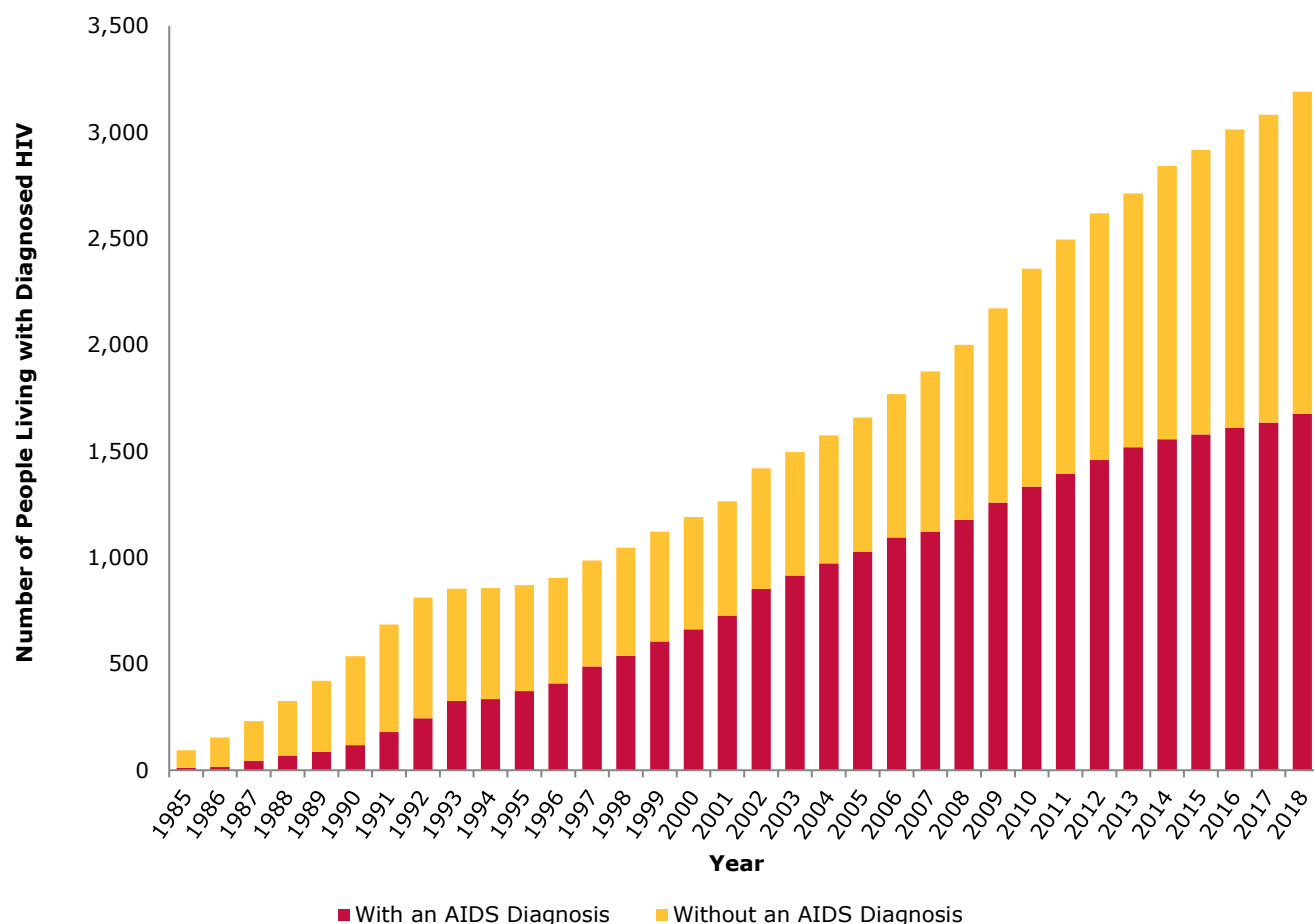


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	44	8	4	2002	236	171	47
1985	68	16	9	2003	185	119	56
1986	73	22	17	2004	174	114	56
1987	90	38	11	2005	170	105	51
1988	128	49	25	2006	213	137	70
1989	146	62	43	2007	193	85	58
1990	173	75	44	2008	185	100	44
1991	213	115	54	2009	192	116	34
1992	215	145	80	2010	206	119	45
1993	166	168	86	2011	165	95	34
1994	167	141	132	2012	159	103	38
1995	157	155	118	2013	131	103	43
1996	155	124	87	2014	170	74	36
1997	164	124	45	2015	128	78	56
1998	152	95	46	2016	144	77	46
1999	157	123	55	2017*	115	69	44
2000	155	98	41	2018*	121	61	19
2001	170	118	52	Total	5,480	3,402	1,726

*2017-2018 reported AIDS deaths are preliminary

Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019

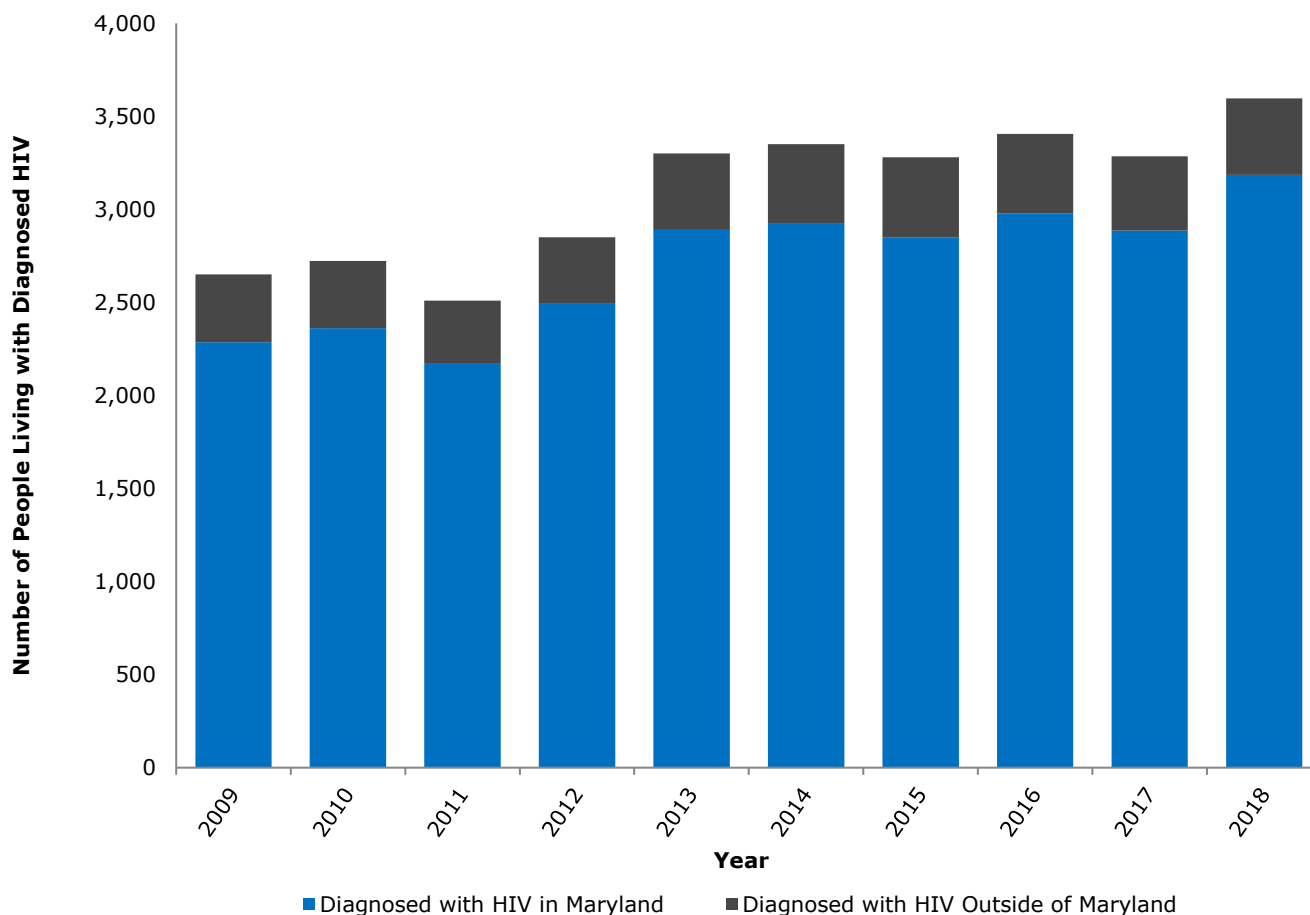
People Living with Diagnosed HIV and Not Reported to have Died as of December 31st of Each Year (People Living with Diagnosed HIV without an AIDS Diagnosis, People Living with Diagnosed HIV with an AIDS Diagnosis, and Total People Living with Diagnosed HIV) from 1985 through 2018, as Reported through June 30, 2019



People Living with Diagnosed HIV				People Living with Diagnosed HIV			
Year	without an AIDS Diagnosis	with an AIDS Diagnosis	Total	Year	without an AIDS Diagnosis	with an AIDS Diagnosis	Total
1985	83	11	94	2002	568	852	1,420
1986	138	16	154	2003	582	915	1,497
1987	187	44	231	2004	601	973	1,574
1988	257	68	325	2005	632	1,027	1,659
1989	334	87	421	2006	674	1,094	1,768
1990	418	118	536	2007	755	1,121	1,876
1991	506	179	685	2008	824	1,177	2,001
1992	567	244	811	2009	913	1,259	2,172
1993	527	326	853	2010	1,026	1,333	2,359
1994	522	335	857	2011	1,101	1,394	2,495
1995	498	372	870	2012	1,160	1,459	2,619
1996	496	409	905	2013	1,193	1,519	2,712
1997	498	488	986	2014	1,284	1,557	2,841
1998	510	537	1,047	2015	1,337	1,579	2,916
1999	516	605	1,121	2016	1,403	1,610	3,013
2000	529	662	1,191	2017	1,447	1,635	3,082
2001	537	728	1,265	2018	1,514	1,677	3,191

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2009-2018, Reported through June 30, 2019

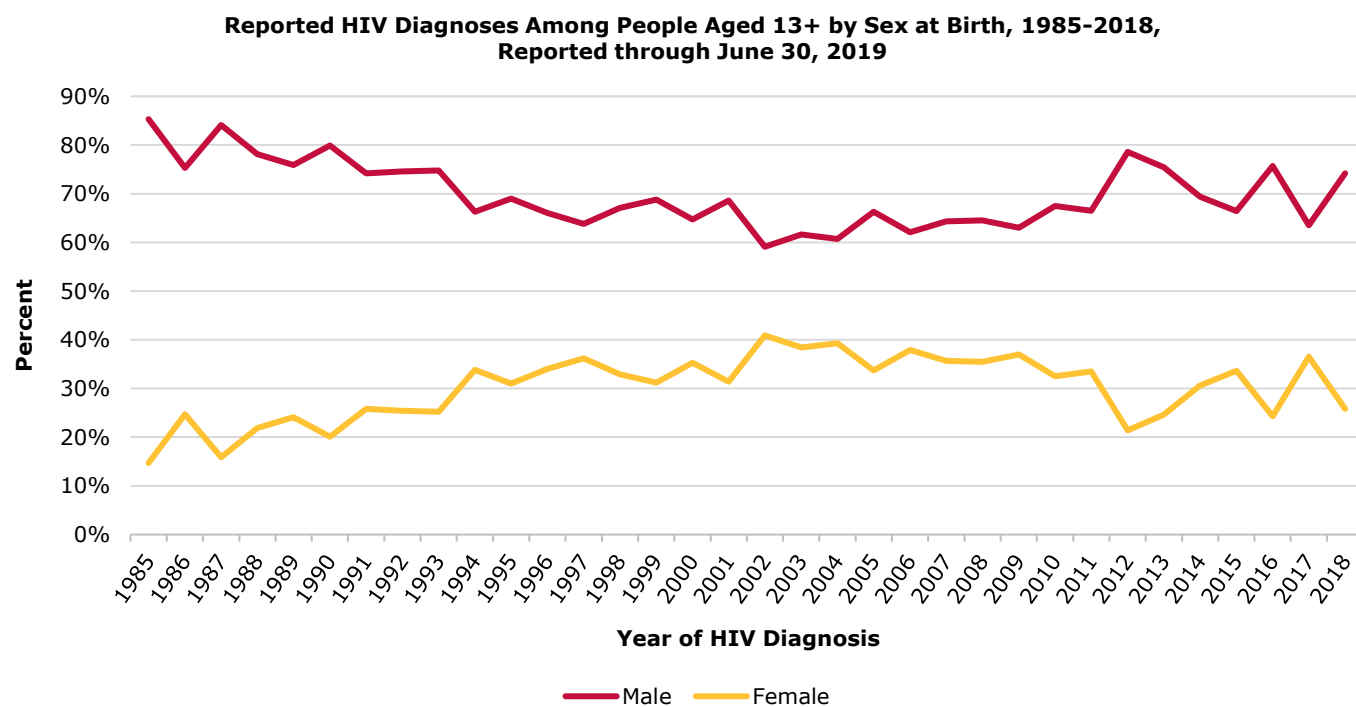
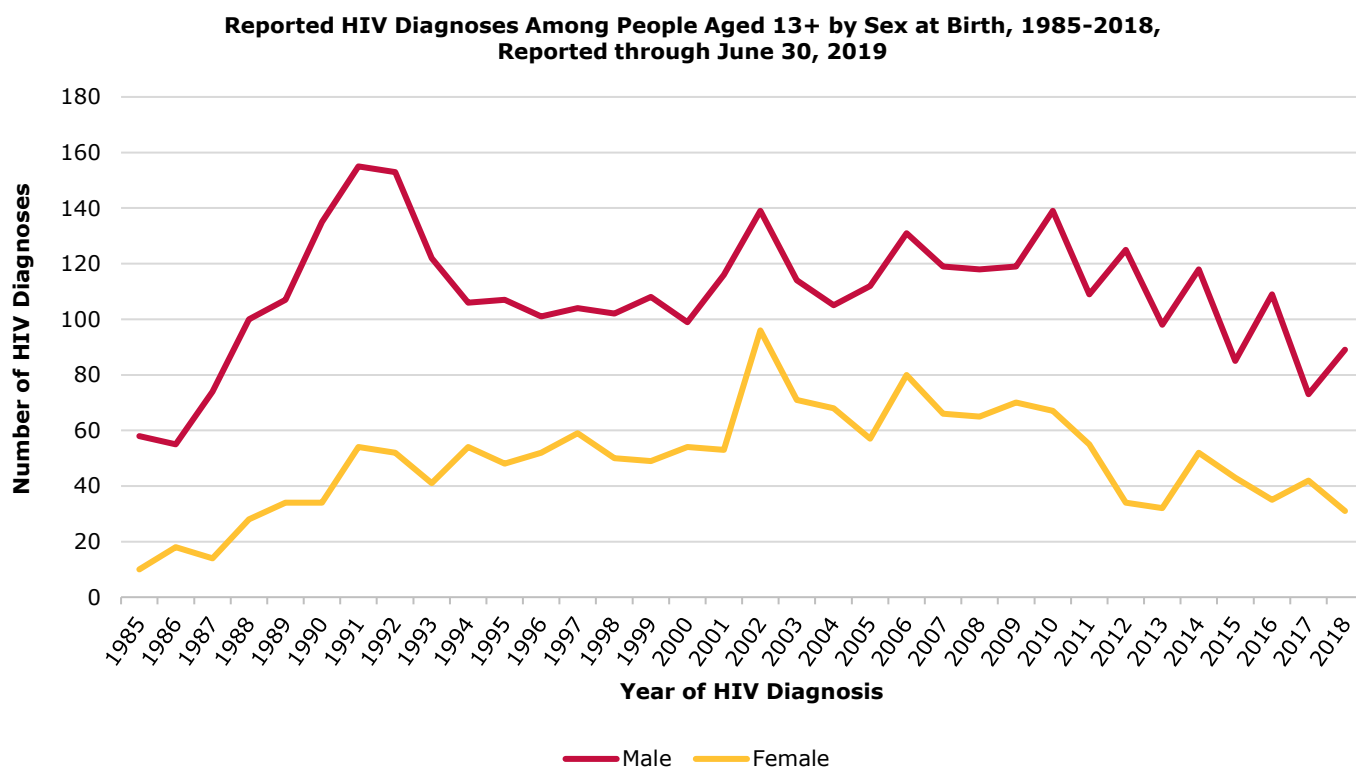
People Living with Diagnosed HIV in Baltimore County and Not Reported to have Died as of December 31st of Each Year from 2009 through 2018, as Reported through June 30, 2019



Year	Population Age 13+	Baltimore County Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2009	666,607	2,286	365	2,651	397.7
2010	681,232	2,362	361	2,723	399.7
2011	686,350	2,175	335	2,510	365.7
2012	690,645	2,492	359	2,851	412.8
2013	694,480	2,890	411	3,301	475.3
2014	696,788	2,923	428	3,351	480.9
2015	699,059	2,851	429	3,280	469.2
2016	699,945	2,977	429	3,406	486.6
2017	699,856	2,886	400	3,286	469.5
2018	699,848	3,186	411	3,597	514.0

Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2018, Reported through June 30, 2019

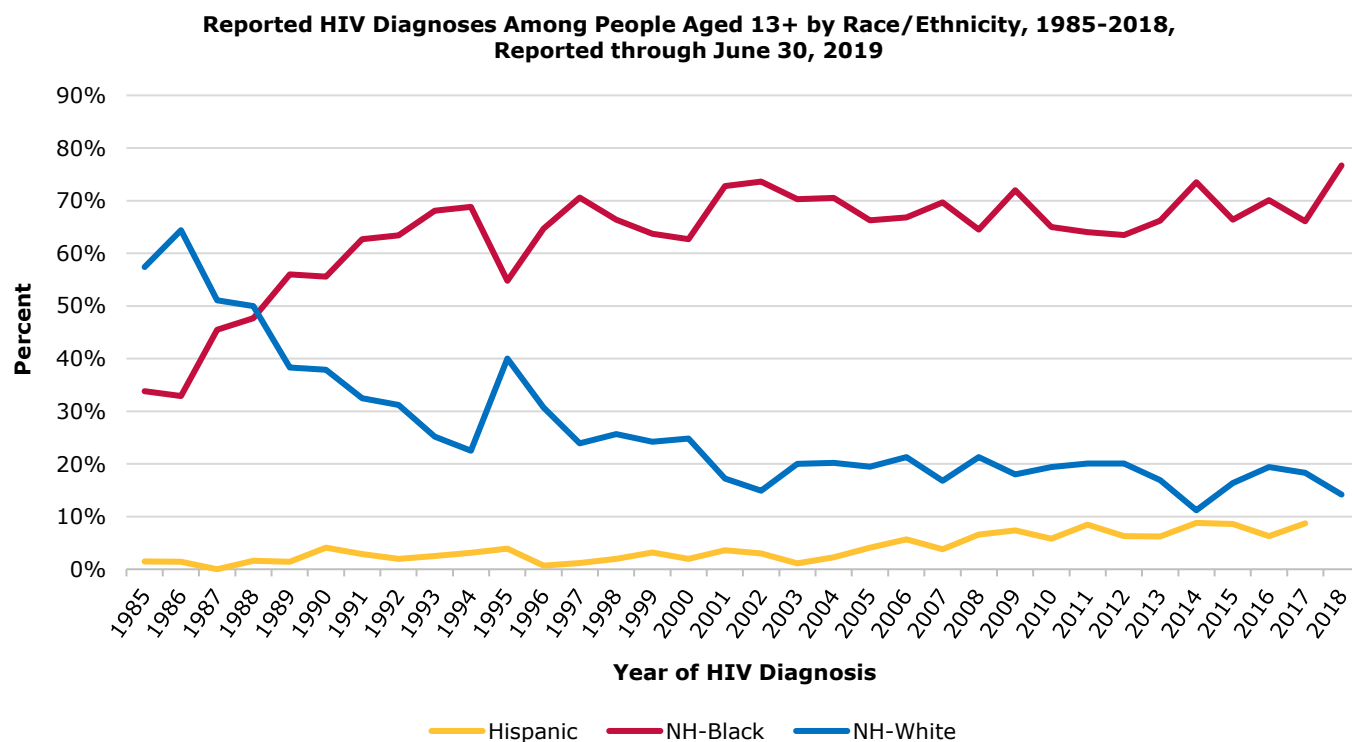
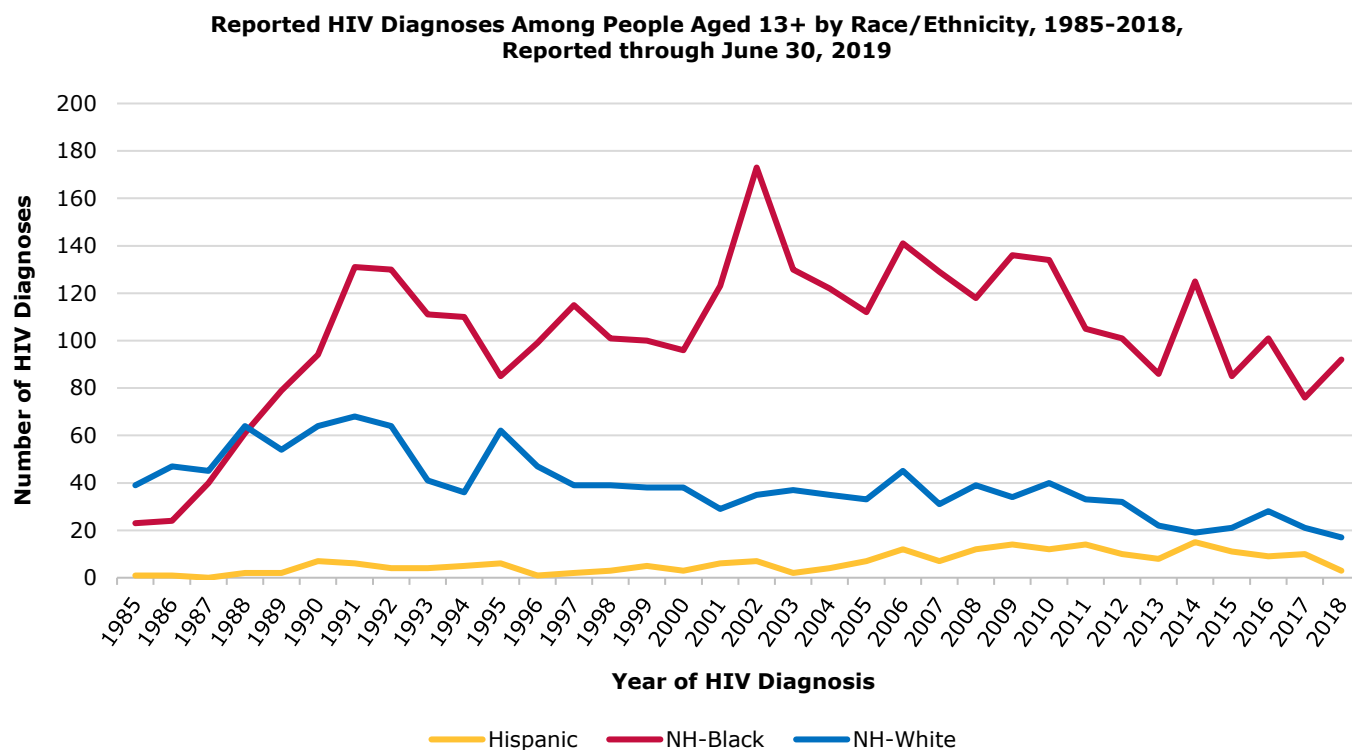
Number and Percent by Sex at Birth of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019



Reported HIV Diagnoses Among People Aged 13+					
Year of HIV Diagnosis	Number	Sex at Birth			
		Male		Female	
		Number	Percent	Number	Percent
<1985	43	37	86.0%	6	14.0%
1985	68	58	85.3%	10	14.7%
1986	73	55	75.3%	18	24.7%
1987	88	74	84.1%	14	15.9%
1988	128	100	78.1%	28	21.9%
1989	141	107	75.9%	34	24.1%
1990	169	135	79.9%	34	20.1%
1991	209	155	74.2%	54	25.8%
1992	205	153	74.6%	52	25.4%
1993	163	122	74.8%	41	25.2%
1994	160	106	66.3%	54	33.8%
1995	155	107	69.0%	48	31.0%
1996	153	101	66.0%	52	34.0%
1997	163	104	63.8%	59	36.2%
1998	152	102	67.1%	50	32.9%
1999	157	108	68.8%	49	31.2%
2000	153	99	64.7%	54	35.3%
2001	169	116	68.6%	53	31.4%
2002	235	139	59.1%	96	40.9%
2003	185	114	61.6%	71	38.4%
2004	173	105	60.7%	68	39.3%
2005	169	112	66.3%	57	33.7%
2006	211	131	62.1%	80	37.9%
2007	185	119	64.3%	66	35.7%
2008	183	118	64.5%	65	35.5%
2009	189	119	63.0%	70	37.0%
2010	206	139	67.5%	67	32.5%
2011	164	109	66.5%	55	33.5%
2012	159	125	78.6%	34	21.4%
2013	130	98	75.4%	32	24.6%
2014	170	118	69.4%	52	30.6%
2015	128	85	66.4%	43	33.6%
2016	144	109	75.7%	35	24.3%
2017	115	73	63.5%	42	36.5%
2018	120	89	74.2%	31	25.8%
Total	5,415	3,741	69.1%	1,674	30.9%

Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2018, Reported through June 30, 2019

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

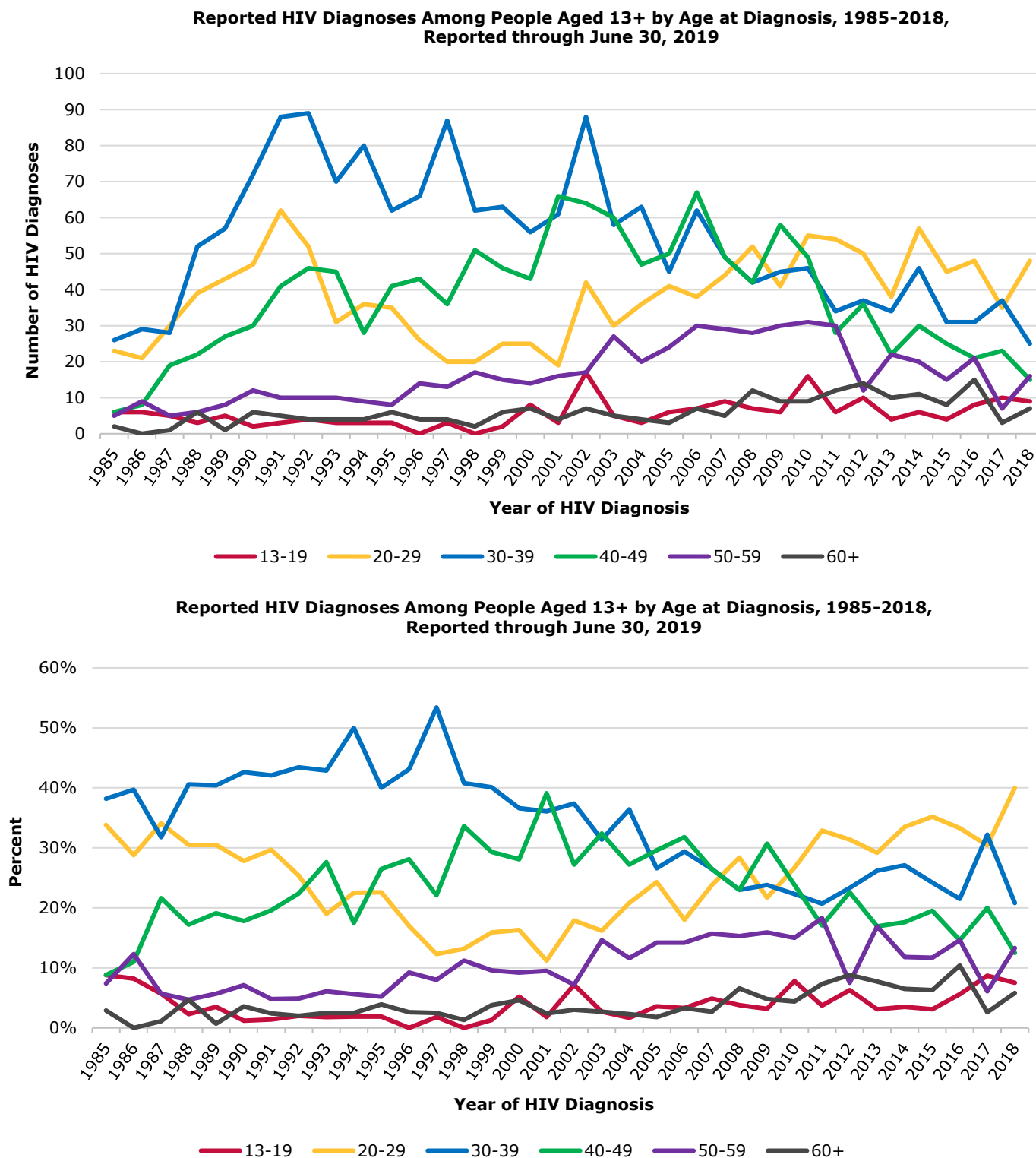


Non-Hispanic Other race not shown

Reported HIV Diagnoses Among People Aged 13+									
Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	43	2	4.7%	21	48.8%	17	39.5%	3	7.0%
1985	68	1	1.5%	23	33.8%	39	57.4%	5	7.4%
1986	73	1	1.4%	24	32.9%	47	64.4%	1	1.4%
1987	88	0	0.0%	40	45.5%	45	51.1%	3	3.4%
1988	128	2	1.6%	61	47.7%	64	50.0%	1	0.8%
1989	141	2	1.4%	79	56.0%	54	38.3%	6	4.3%
1990	169	7	4.1%	94	55.6%	64	37.9%	4	2.4%
1991	209	6	2.9%	131	62.7%	68	32.5%	4	1.9%
1992	205	4	2.0%	130	63.4%	64	31.2%	7	3.4%
1993	163	4	2.5%	111	68.1%	41	25.2%	7	4.3%
1994	160	5	3.1%	110	68.8%	36	22.5%	9	5.6%
1995	155	6	3.9%	85	54.8%	62	40.0%	2	1.3%
1996	153	1	0.7%	99	64.7%	47	30.7%	6	3.9%
1997	163	2	1.2%	115	70.6%	39	23.9%	7	4.3%
1998	152	3	2.0%	101	66.4%	39	25.7%	9	5.9%
1999	157	5	3.2%	100	63.7%	38	24.2%	14	8.9%
2000	153	3	2.0%	96	62.7%	38	24.8%	16	10.5%
2001	169	6	3.6%	123	72.8%	29	17.2%	11	6.5%
2002	235	7	3.0%	173	73.6%	35	14.9%	20	8.5%
2003	185	2	1.1%	130	70.3%	37	20.0%	16	8.6%
2004	173	4	2.3%	122	70.5%	35	20.2%	12	6.9%
2005	169	7	4.1%	112	66.3%	33	19.5%	17	10.1%
2006	211	12	5.7%	141	66.8%	45	21.3%	13	6.2%
2007	185	7	3.8%	129	69.7%	31	16.8%	18	9.7%
2008	183	12	6.6%	118	64.5%	39	21.3%	14	7.7%
2009	189	14	7.4%	136	72.0%	34	18.0%	5	2.6%
2010	206	12	5.8%	134	65.0%	40	19.4%	20	9.7%
2011	164	14	8.5%	105	64.0%	33	20.1%	12	7.3%
2012	159	10	6.3%	101	63.5%	32	20.1%	16	10.1%
2013	130	8	6.2%	86	66.2%	22	16.9%	14	10.8%
2014	170	15	8.8%	125	73.5%	19	11.2%	11	6.5%
2015	128	11	8.6%	85	66.4%	21	16.4%	11	8.6%
2016	144	9	6.3%	101	70.1%	28	19.4%	6	4.2%
2017	115	10	8.7%	76	66.1%	21	18.3%	8	7.0%
2018	120	3	2.5%	92	76.7%	17	14.2%	8	6.7%
Total	5,415	217	4.0%	3,509	64.8%	1,353	25.0%	336	6.2%

Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2018, Reported through June 30, 2019

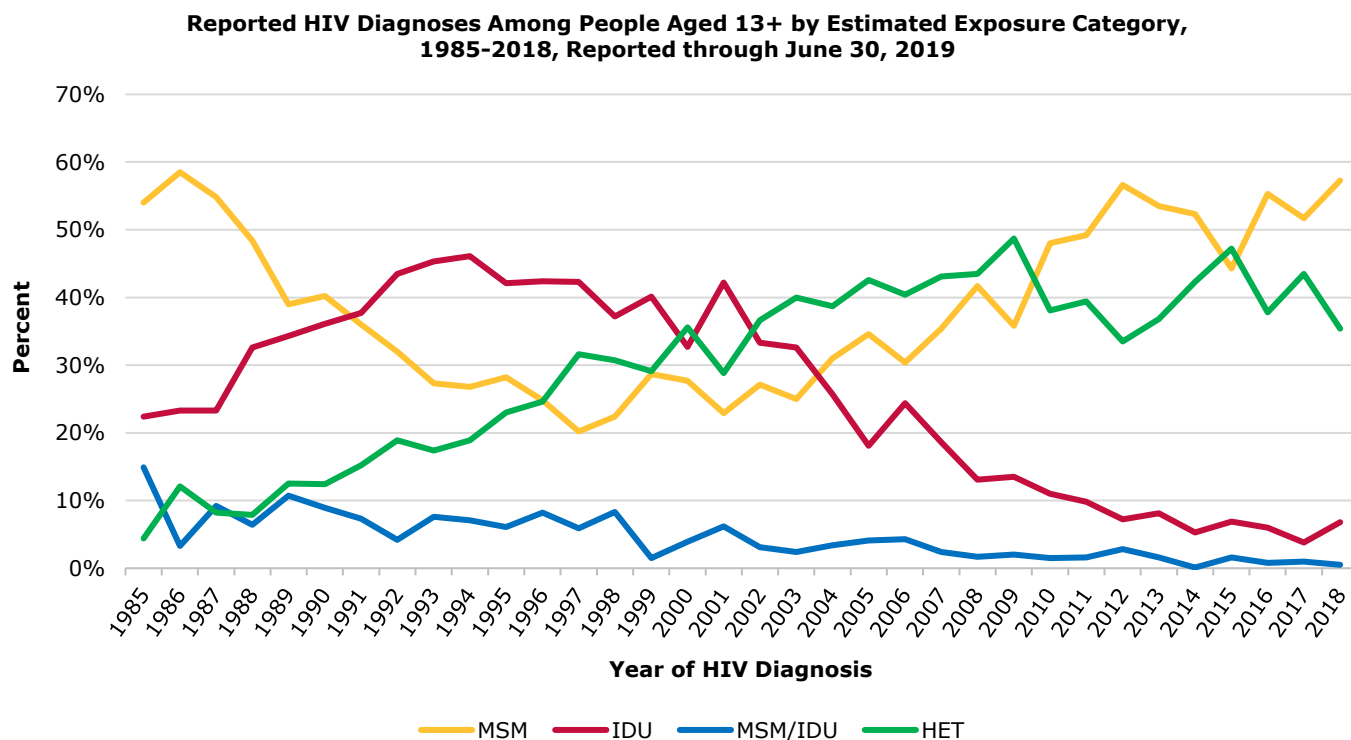
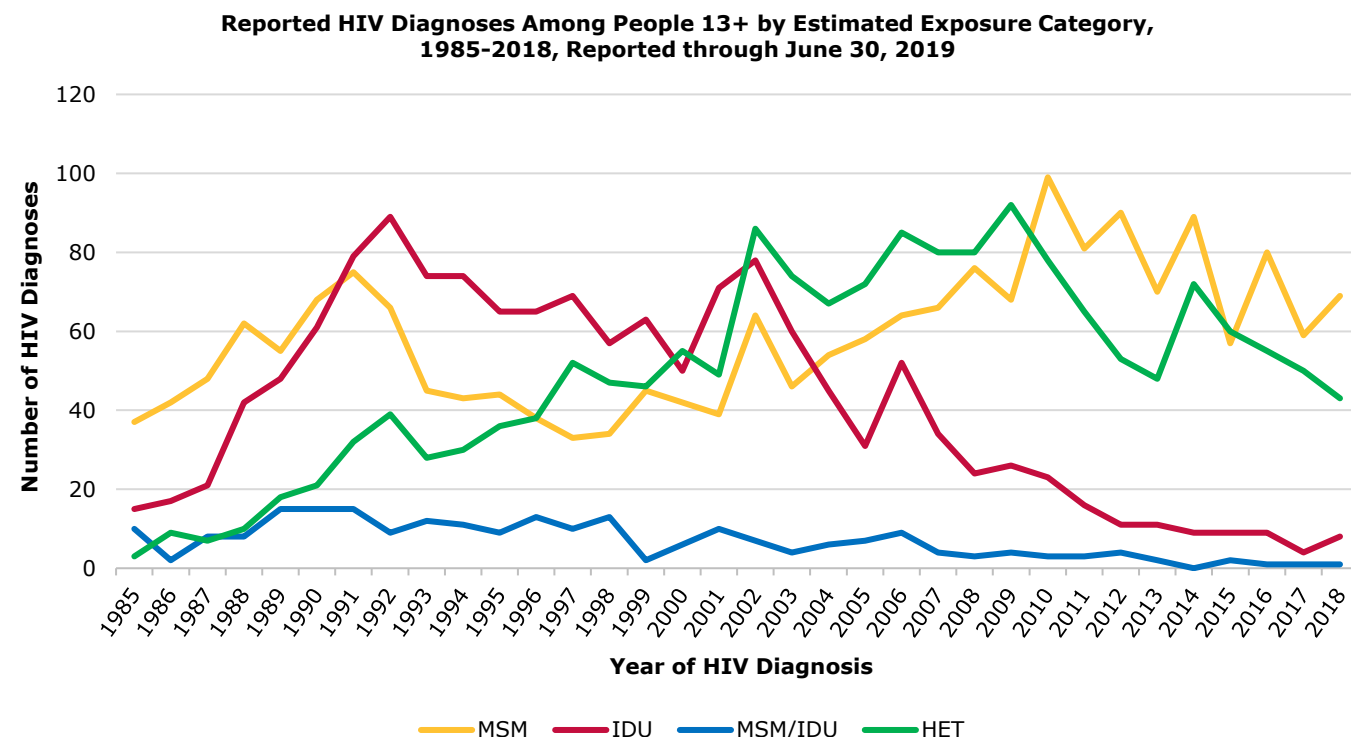
Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019



Reported HIV Diagnoses Among People Aged 13+													
Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	43	5	11.6%	19	44.2%	9	20.9%	7	16.3%	3	7.0%	0	0.0%
1985	68	6	8.8%	23	33.8%	26	38.2%	6	8.8%	5	7.4%	2	2.9%
1986	73	6	8.2%	21	28.8%	29	39.7%	8	11.0%	9	12.3%	0	0.0%
1987	88	5	5.7%	30	34.1%	28	31.8%	19	21.6%	5	5.7%	1	1.1%
1988	128	3	2.3%	39	30.5%	52	40.6%	22	17.2%	6	4.7%	6	4.7%
1989	141	5	3.5%	43	30.5%	57	40.4%	27	19.1%	8	5.7%	1	0.7%
1990	169	2	1.2%	47	27.8%	72	42.6%	30	17.8%	12	7.1%	6	3.6%
1991	209	3	1.4%	62	29.7%	88	42.1%	41	19.6%	10	4.8%	5	2.4%
1992	205	4	2.0%	52	25.4%	89	43.4%	46	22.4%	10	4.9%	4	2.0%
1993	163	3	1.8%	31	19.0%	70	42.9%	45	27.6%	10	6.1%	4	2.5%
1994	160	3	1.9%	36	22.5%	80	50.0%	28	17.5%	9	5.6%	4	2.5%
1995	155	3	1.9%	35	22.6%	62	40.0%	41	26.5%	8	5.2%	6	3.9%
1996	153	0	0.0%	26	17.0%	66	43.1%	43	28.1%	14	9.2%	4	2.6%
1997	163	3	1.8%	20	12.3%	87	53.4%	36	22.1%	13	8.0%	4	2.5%
1998	152	0	0.0%	20	13.2%	62	40.8%	51	33.6%	17	11.2%	2	1.3%
1999	157	2	1.3%	25	15.9%	63	40.1%	46	29.3%	15	9.6%	6	3.8%
2000	153	8	5.2%	25	16.3%	56	36.6%	43	28.1%	14	9.2%	7	4.6%
2001	169	3	1.8%	19	11.2%	61	36.1%	66	39.1%	16	9.5%	4	2.4%
2002	235	17	7.2%	42	17.9%	88	37.4%	64	27.2%	17	7.2%	7	3.0%
2003	185	5	2.7%	30	16.2%	58	31.4%	60	32.4%	27	14.6%	5	2.7%
2004	173	3	1.7%	36	20.8%	63	36.4%	47	27.2%	20	11.6%	4	2.3%
2005	169	6	3.6%	41	24.3%	45	26.6%	50	29.6%	24	14.2%	3	1.8%
2006	211	7	3.3%	38	18.0%	62	29.4%	67	31.8%	30	14.2%	7	3.3%
2007	185	9	4.9%	44	23.8%	49	26.5%	49	26.5%	29	15.7%	5	2.7%
2008	183	7	3.8%	52	28.4%	42	23.0%	42	23.0%	28	15.3%	12	6.6%
2009	189	6	3.2%	41	21.7%	45	23.8%	58	30.7%	30	15.9%	9	4.8%
2010	206	16	7.8%	55	26.7%	46	22.3%	49	23.8%	31	15.0%	9	4.4%
2011	164	6	3.7%	54	32.9%	34	20.7%	28	17.1%	30	18.3%	12	7.3%
2012	159	10	6.3%	50	31.4%	37	23.3%	36	22.6%	12	7.5%	14	8.8%
2013	130	4	3.1%	38	29.2%	34	26.2%	22	16.9%	22	16.9%	10	7.7%
2014	170	6	3.5%	57	33.5%	46	27.1%	30	17.6%	20	11.8%	11	6.5%
2015	128	4	3.1%	45	35.2%	31	24.2%	25	19.5%	15	11.7%	8	6.3%
2016	144	8	5.6%	48	33.3%	31	21.5%	21	14.6%	21	14.6%	15	10.4%
2017	115	10	8.7%	35	30.4%	37	32.2%	23	20.0%	7	6.1%	3	2.6%
2018	120	9	7.5%	48	40.0%	25	20.8%	15	12.5%	16	13.3%	7	5.8%
Total	5,415	197	3.6%	1,327	24.5%	1,830	33.8%	1,291	23.8%	563	10.4%	207	3.8%

Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019

Number and Percent by Estimated Exposure Category[§] of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019



Other exposure category not shown

§ Multiple imputation was used to estimate and adjust for missing exposure category.

Reported HIV Diagnoses Among People Aged 13+												
Year of HIV Diagnosis	No.	% with No Reported Exposure [§]	Estimated Exposure Category [§]									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	43	0.0%	21	48.8%	12	27.9%	5	11.6%	2	4.7%	3	7.0%
1985	68	4.4%	37	54.0%	15	22.4%	10	14.9%	3	4.4%	3	4.4%
1986	73	9.6%	42	58.5%	17	23.3%	2	3.3%	9	12.1%	2	2.8%
1987	88	2.3%	48	54.8%	21	23.3%	8	9.2%	7	8.2%	4	4.5%
1988	128	5.5%	62	48.4%	42	32.6%	8	6.4%	10	7.9%	6	4.7%
1989	141	2.8%	55	39.0%	48	34.3%	15	10.7%	18	12.5%	5	3.5%
1990	169	4.1%	68	40.2%	61	36.1%	15	8.9%	21	12.4%	4	2.4%
1991	209	5.3%	75	36.0%	79	37.7%	15	7.3%	32	15.2%	8	3.8%
1992	205	4.4%	66	32.0%	89	43.5%	9	4.2%	39	18.9%	3	1.5%
1993	163	4.9%	45	27.3%	74	45.3%	12	7.6%	28	17.4%	4	2.5%
1994	160	3.8%	43	26.8%	74	46.1%	11	7.1%	30	18.9%	2	1.3%
1995	155	7.7%	44	28.2%	65	42.1%	9	6.1%	36	23.0%	1	0.6%
1996	153	6.5%	38	24.8%	65	42.4%	13	8.2%	38	24.6%	0	0.0%
1997	163	4.9%	33	20.2%	69	42.3%	10	5.9%	52	31.6%	0	0.0%
1998	152	4.6%	34	22.4%	57	37.2%	13	8.3%	47	30.7%	2	1.3%
1999	157	8.9%	45	28.7%	63	40.1%	2	1.5%	46	29.1%	1	0.6%
2000	153	9.8%	42	27.7%	50	32.7%	6	3.9%	55	35.6%	0	0.0%
2001	169	9.5%	39	22.9%	71	42.2%	10	6.2%	49	28.8%	0	0.0%
2002	235	13.6%	64	27.1%	78	33.3%	7	3.1%	86	36.6%	0	0.0%
2003	185	8.1%	46	25.0%	60	32.6%	4	2.4%	74	40.0%	0	0.0%
2004	173	9.2%	54	31.0%	45	25.7%	6	3.4%	67	38.7%	2	1.2%
2005	169	12.4%	58	34.6%	31	18.1%	7	4.1%	72	42.6%	1	0.6%
2006	211	11.8%	64	30.4%	52	24.4%	9	4.3%	85	40.4%	1	0.5%
2007	185	17.3%	66	35.4%	34	18.6%	4	2.4%	80	43.1%	1	0.5%
2008	183	35.5%	76	41.7%	24	13.1%	3	1.7%	80	43.5%	0	0.0%
2009	189	21.2%	68	35.8%	26	13.5%	4	2.0%	92	48.7%	0	0.0%
2010	206	31.1%	99	48.0%	23	11.0%	3	1.5%	78	38.1%	3	1.5%
2011	164	31.7%	81	49.2%	16	9.8%	3	1.6%	65	39.4%	0	0.0%
2012	159	15.7%	90	56.6%	11	7.2%	4	2.8%	53	33.5%	0	0.0%
2013	130	11.5%	70	53.5%	11	8.1%	2	1.6%	48	36.8%	0	0.0%
2014	170	8.8%	89	52.3%	9	5.3%	0	0.1%	72	42.3%	0	0.0%
2015	128	6.3%	57	44.3%	9	6.9%	2	1.6%	60	47.2%	0	0.0%
2016	144	14.6%	80	55.3%	9	6.0%	1	0.8%	55	37.8%	0	0.0%
2017	115	7.8%	59	51.7%	4	3.8%	1	1.0%	50	43.5%	0	0.0%
2018	120	26.7%	69	57.3%	8	6.8%	1	0.5%	43	35.4%	0	0.0%
Total	5,415	11.7%	2,027	37.4%	1,422	26.3%	234	4.3%	1,682	31.1%	56	1.0%

§ Multiple imputation was used to estimate and adjust for missing transmission category.

[§]Percent with no reported exposure prior to multiple imputation adjustment.

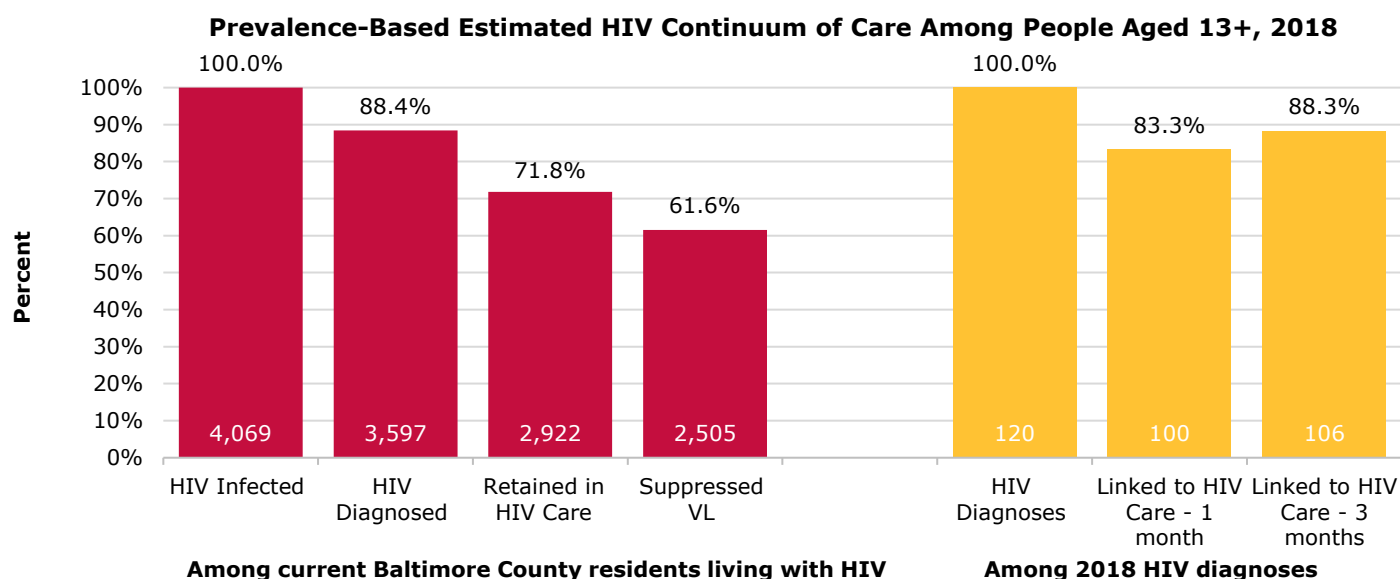
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2019

The prevalence-based Baltimore County Engagement in HIV Care Cascades (below) apply the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2019, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of people living with HIV currently residing in Baltimore County. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Baltimore County on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.



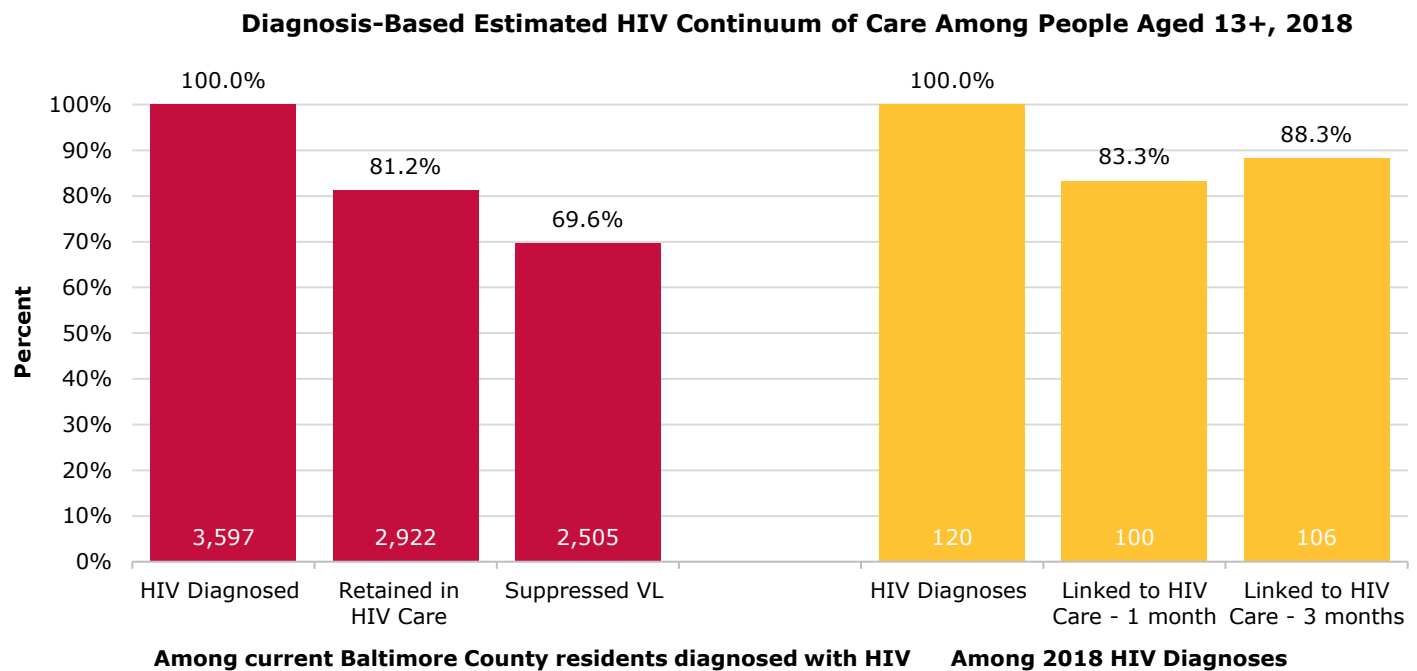
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	4,069	100.0%	New HIV Diagnoses	120	100.0%
HIV Diagnosed	3,597	88.4%	Linked to HIV Care – 1 Month	100	83.3%
Retained in HIV Care	2,922	71.8%	Linked to HIV Care – 3 Months	106	88.3%
Suppressed VL	2,505	61.6%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” Clin Infect Dis. 2011; 52 (6): 793-800.

² Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published March 2018.

Figure 9 – Diagnosis-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2019

The diagnosis-based Baltimore County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore County residents to describe the number and percentage of persons living with diagnosed HIV in Baltimore County on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	3,597	100.0%	New HIV Diagnoses	120	100.0%
Retained in HIV Care	2,922	81.2%	Linked to HIV Care – 1 Month	100	83.3%
Suppressed VL	2,505	69.6%	Linked to HIV Care – 3 Months	106	88.3%

Section IV –Reported HIV Diagnoses, Among People Aged 13+, by Jurisdiction

Table 1 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2019

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		% with Test	Median Count
21013	2,819	0	0.0%	0.0	--	--	--	--	--
21030	21,354	4	3.3%	18.7	***	***	***	***	***
21031	3	0	0.0%	0.0	--	--	--	--	--
21043	792	0	0.0%	0.0	--	--	--	--	--
21051	250	0	0.0%	0.0	--	--	--	--	--
21052	279	0	0.0%	0.0	--	--	--	--	--
21053	2,847	0	0.0%	0.0	--	--	--	--	--
21057	3,708	0	0.0%	0.0	--	--	--	--	--
21071	449	0	0.0%	0.0	--	--	--	--	--
21074	1,223	0	0.0%	0.0	--	--	--	--	--
21082	549	0	0.0%	0.0	--	--	--	--	--
21085	23	0	0.0%	0.0	--	--	--	--	--
21087	4,196	0	0.0%	0.0	--	--	--	--	--
21093	32,321	1	0.8%	3.1	***	***	***	***	***
21102	865	0	0.0%	0.0	--	--	--	--	--
21104	140	0	0.0%	0.0	--	--	--	--	--
21105	60	0	0.0%	0.0	--	--	--	--	--
21111	3,379	0	0.0%	0.0	--	--	--	--	--
21117	46,142	8	6.7%	17.3	100.0%	100.0%	***	100.0%	298
21120	6,025	0	0.0%	0.0	--	--	--	--	--
21128	10,821	1	0.8%	9.2	***	***	***	***	***
21131	6,198	0	0.0%	0.0	--	--	--	--	--
21133	25,651	4	3.3%	15.6	***	***	***	***	***
21136	27,902	5	4.2%	17.9	***	***	***	***	***
21152	4,767	0	0.0%	0.0	--	--	--	--	--
21153	270	0	0.0%	0.0	--	--	--	--	--
21155	1,839	0	0.0%	0.0	--	--	--	--	--
21156	328	0	0.0%	0.0	--	--	--	--	--
21161	2,374	0	0.0%	0.0	--	--	--	--	--
21162	3,141	0	0.0%	0.0	--	--	--	--	--
21163	2,360	0	0.0%	0.0	--	--	--	--	--
21204	18,793	1	0.8%	5.3	***	***	***	***	***
21206	8,944	4	3.3%	44.7	***	***	***	***	***
21207	29,267	19	15.8%	64.9	73.7%	84.2%	***	94.7%	293
21208	28,556	4	3.3%	14.0	***	***	***	***	***
21209	11,966	2	1.7%	16.7	***	***	***	***	***
21210	867	0	0.0%	0.0	--	--	--	--	--
21212	8,891	3	2.5%	33.7	***	***	***	***	***
21215	1,507	0	0.0%	0.0	--	--	--	--	--
21219	8,306	0	0.0%	0.0	--	--	--	--	--
21220	33,497	6	5.0%	17.9	100.0%	100.0%	***	100.0%	328

21221	36,113	6	5.0%	16.6	***	83.3%	0.0%	100.0%	445
21222	46,487	6	5.0%	12.9	83.3%	83.3%	***	***	***
21224	7,420	1	0.8%	13.5	***	***	***	***	***
21227	27,807	4	3.3%	14.4	***	***	***	***	***
21228	41,759	5	4.2%	12.0	100.0%	100.0%	0.0%	***	***
21229	6,063	3	2.5%	49.5	***	***	***	***	***
21234	54,250	9	7.5%	16.6	77.8%	77.8%	***	77.8%	565
21236	33,328	2	1.7%	6.0	***	***	***	***	***
21237	25,882	5	4.2%	19.3	***	***	0.0%	***	***
21239	4,423	0	0.0%	0.0	--	--	--	--	--
21244	28,938	11	9.2%	38.0	81.8%	81.8%	***	72.7%	443
21250	3,297	0	0.0%	0.0	--	--	--	--	--
21252	2,955	0	0.0%	0.0	--	--	--	--	--
21286	17,458	5	4.2%	28.6	***	100.0%	***	100.0%	452
Unknown	--	1	0.8%	--	100.0%	100.0%	0.0%	100.0%	378
Total	699,848	120	100.0%	17.1	83.3%	88.3%	20.8%	90.0%	382

*** Data withheld due to low population counts and/or small numbers

Table 2 – Reported AIDS Diagnoses, Among People Aged 13+ During 2018, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2019

Jurisdiction of Residence at AIDS Diagnosis	Population Age 13+	Reported AIDS Diagnoses Among People Aged 13+				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21013	2,819	0	0.0%	0.0	--	--
21030	21,354	2	3.4%	9.4	***	***
21031	3	0	0.0%	0.0	--	--
21043	792	***	***	***	***	***
21051	250	0	0.0%	0.0	--	--
21052	279	0	0.0%	0.0	--	--
21053	2,847	0	0.0%	0.0	--	--
21057	3,708	0	0.0%	0.0	--	--
21071	449	0	0.0%	0.0	--	--
21074	1,223	0	0.0%	0.0	--	--
21082	549	0	0.0%	0.0	--	--
21085	23	0	0.0%	0.0	--	--
21087	4,196	0	0.0%	0.0	--	--
21093	32,321	1	1.7%	3.1	***	***
21102	865	0	0.0%	0.0	--	--
21104	140	0	0.0%	0.0	--	--
21105	60	0	0.0%	0.0	--	--
21111	3,379	0	0.0%	0.0	--	--
21117	46,142	5	8.5%	10.8	3.3	40.0%
21120	6,025	0	0.0%	0.0	--	--
21128	10,821	***	***	***	***	***
21131	6,198	0	0.0%	0.0	--	--
21133	25,651	3	5.1%	11.7	***	***
21136	27,902	3	5.1%	10.8	***	***
21152	4,767	0	0.0%	0.0	--	--
21153	270	0	0.0%	0.0	--	--
21155	1,839	0	0.0%	0.0	--	--
21156	328	0	0.0%	0.0	--	--
21161	2,374	0	0.0%	0.0	--	--
21162	3,141	0	0.0%	0.0	--	--
21163	2,360	0	0.0%	0.0	--	--
21204	18,793	1	1.7%	5.3	***	***
21206	8,944	3	5.1%	33.5	***	***
21207	29,267	8	13.6%	27.3	2.9	50.0%
21208	28,556	1	1.7%	3.5	***	***
21209	11,966	2	3.4%	16.7	***	***
21210	867	0	0.0%	0.0	--	--
21212	8,891	1	1.7%	11.2	***	***
21215	1,507	0	0.0%	0.0	--	--
21219	8,306	0	0.0%	0.0	--	--
21220	33,497	2	3.4%	6.0	***	***
21221	36,113	3	5.1%	8.3	***	***
21222	46,487	4	6.8%	8.6	***	***
21224	7,420	0	0.0%	0.0	--	--
21227	27,807	1	1.7%	3.6	***	***

21228	41,759	1	1.7%	2.4	***	***
21229	6,063	1	1.7%	16.5	***	***
21234	54,250	4	6.8%	7.4	***	***
21236	33,328	0	0.0%	0.0	--	--
21237	25,882	1	1.7%	3.9	***	***
21239	4,423	0	0.0%	0.0	--	--
21244	28,938	8	13.6%	27.6	9.2	37.5%
21250	3,297	0	0.0%	0.0	--	--
21252	2,955	0	0.0%	0.0	--	--
21286	17,458	2	3.4%	11.5	***	***
Unknown	--	0	0.0%	--	--	--
Total	699,848	59	100.0%	8.4	5.6	45.8%

*** Data withheld due to low population counts and/or small numbers

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2019

Jurisdiction of Residence	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21013	2,819	1	0.0%	35.5	2,819	3	0.1%	106.4	940	200.0%
21030	21,354	72	2.3%	337.2	297	85	2.4%	398.0	251	18.1%
21031	3	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21043	792	***	***	***	***	***	***	***	***	***
21051	250	***	***	***	***	***	***	***	***	***
21052	279	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21053	2,847	4	0.1%	140.5	712	6	0.2%	210.8	474	50.0%
21057	3,708	1	0.0%	27.0	3,708	1	0.0%	27.0	3,708	0.0%
21071	449	***	***	***	***	***	***	***	***	***
21074	1,223	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21082	549	***	***	***	***	0	0.0%	0.0	--	***
21085	23	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21087	4,196	3	0.1%	71.5	1,399	5	0.1%	119.1	839	66.7%
21093	32,321	40	1.3%	123.8	808	39	1.1%	120.7	829	-2.5%
21102	865	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21104	140	0	0.0%	0.0	--	***	***	***	***	***
21105	60	0	0.0%	0.0	--	***	***	***	***	***
21111	3,379	3	0.1%	88.8	1,126	5	0.1%	148.0	676	66.7%
21117	46,142	218	6.8%	472.5	212	276	7.7%	598.2	167	26.6%
21120	6,025	7	0.2%	116.2	861	7	0.2%	116.2	861	0.0%
21128	10,821	13	0.4%	120.1	832	16	0.4%	147.9	676	23.1%
21131	6,198	5	0.2%	80.7	1,240	4	0.1%	64.5	1,550	-20.0%
21133	25,651	255	8.0%	994.1	101	293	8.1%	1,142.3	88	14.9%
21136	27,902	96	3.0%	344.1	291	106	2.9%	379.9	263	10.4%
21152	4,767	6	0.2%	125.9	795	5	0.1%	104.9	953	-16.7%
21153	270	***	***	***	***	***	***	***	***	***
21155	1,839	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21156	328	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21161	2,374	2	0.1%	84.2	1,187	1	0.0%	42.1	2,374	-50.0%
21162	3,141	4	0.1%	127.4	785	8	0.2%	254.7	393	100.0%
21163	2,360	12	0.4%	508.5	197	12	0.3%	508.5	197	0.0%
21204	18,793	44	1.4%	234.1	427	62	1.7%	329.9	303	40.9%
21206	8,944	53	1.7%	592.6	169	76	2.1%	849.7	118	43.4%
21207	29,267	296	9.3%	1,011.4	99	380	10.6%	1,298.4	77	28.4%
21208	28,556	147	4.6%	514.8	194	161	4.5%	563.8	177	9.5%
21209	11,966	37	1.2%	309.2	323	44	1.2%	367.7	272	18.9%
21210	867	***	***	***	***	***	***	***	***	***
21212	8,891	27	0.8%	303.7	329	26	0.7%	292.4	342	-3.7%
21215	1,507	29	0.9%	1,924.1	52	32	0.9%	2,123.2	47	10.3%
21219	8,306	21	0.7%	252.8	396	16	0.4%	192.6	519	-23.8%
21220	33,497	123	3.9%	367.2	272	157	4.4%	468.7	213	27.6%
21221	36,113	213	6.7%	589.8	170	223	6.2%	617.5	162	4.7%
21222	46,487	195	6.1%	419.5	238	204	5.7%	438.8	228	4.6%
21224	7,420	32	1.0%	431.3	232	32	0.9%	431.3	232	0.0%
21227	27,807	120	3.8%	431.5	232	113	3.1%	406.4	246	-5.8%

21228	41,759	127	4.0%	304.1	329	162	4.5%	387.9	258	27.6%
21229	6,063	68	2.1%	1,121.6	89	69	1.9%	1,138.1	88	1.5%
21234	54,250	242	7.6%	446.1	224	269	7.5%	495.9	202	11.2%
21236	33,328	83	2.6%	249.0	402	92	2.6%	276.0	362	10.8%
21237	25,882	130	4.1%	502.3	199	163	4.5%	629.8	159	25.4%
21239	4,423	34	1.1%	768.8	130	22	0.6%	497.4	201	-35.3%
21244	28,938	323	10.1%	1,116.2	90	317	8.8%	1,095.5	91	-1.9%
21250	3,297	0	0.0%	0.0	--	2	0.1%	60.7	1,649	--
21252	2,955	1	0.0%	33.8	2,955	0	0.0%	0.0	--	-100.0%
21286	17,458	56	1.8%	320.8	312	70	1.9%	401.0	249	25.0%
Unknown	--	31	1.0%	--	--	19	0.5%	--	--	--
Total	699,848	3,186	100.0%	455.2	220	3,597	100.0%	514.0	195	12.9%

Table 4 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21013	3	***	***	***	***	***	***	***
21030	85	65	76.5%	593	6.2%	18.5%	15.4%	60.0%
21031	0	--	--	--	--	--	--	--
21043	***	***	***	***	***	***	***	***
21051	***	***	***	***	***	***	***	***
21052	0	--	--	--	--	--	--	--
21053	6	***	***	***	***	***	***	***
21057	1	***	***	***	***	***	***	***
21071	***	***	***	***	***	***	***	***
21074	0	--	--	--	--	--	--	--
21082	0	--	--	--	--	--	--	--
21085	0	--	--	--	--	--	--	--
21087	5	5	100.0%	788	0.0%	0.0%	20.0%	80.0%
21093	39	28	71.8%	644	3.6%	14.3%	10.7%	71.4%
21102	0	--	--	--	--	--	--	--
21104	***	***	***	***	***	***	***	***
21105	***	***	***	***	***	***	***	***
21111	5	***	***	***	***	***	***	***
21117	276	205	74.3%	565	6.8%	11.2%	20.5%	61.5%
21120	7	***	***	***	***	***	***	***
21128	16	14	87.5%	725	0.0%	0.0%	21.4%	78.6%
21131	4	***	***	***	***	***	***	***
21133	293	230	78.5%	648	5.7%	10.0%	17.4%	67.0%
21136	106	74	69.8%	621	9.5%	16.2%	10.8%	63.5%
21152	5	5	100.0%	573	0.0%	20.0%	0.0%	80.0%
21153	***	***	***	***	***	***	***	***
21155	0	--	--	--	--	--	--	--
21156	0	--	--	--	--	--	--	--
21161	1	***	***	***	***	***	***	***
21162	8	***	***	***	***	***	***	***
21163	12	7	58.3%	697	0.0%	0.0%	0.0%	100.0%
21204	62	49	79.0%	649	2.0%	4.1%	14.3%	79.6%
21206	76	57	75.0%	611	3.5%	15.8%	19.3%	61.4%
21207	380	289	76.1%	655	9.0%	9.0%	16.3%	65.7%
21208	161	136	84.5%	640	10.3%	16.2%	10.3%	63.2%
21209	44	32	72.7%	687	3.1%	15.6%	9.4%	71.9%
21210	***	***	***	***	***	***	***	***
21212	26	19	73.1%	602	5.3%	0.0%	15.8%	78.9%
21215	32	24	75.0%	583	4.2%	0.0%	25.0%	70.8%
21219	16	15	93.8%	516	6.7%	6.7%	13.3%	73.3%
21220	157	118	75.2%	658	7.6%	11.9%	11.0%	69.5%
21221	223	169	75.8%	586	10.7%	13.6%	16.6%	59.2%
21222	204	155	76.0%	662	7.1%	14.2%	13.5%	65.2%
21224	32	19	59.4%	612	5.3%	10.5%	15.8%	68.4%
21227	113	86	76.1%	671	10.5%	4.7%	14.0%	70.9%

21228	162	125	77.2%	590	7.2%	13.6%	19.2%	60.0%
21229	69	55	79.7%	534	12.7%	18.2%	10.9%	58.2%
21234	269	200	74.3%	644	10.0%	10.0%	15.5%	64.5%
21236	92	64	69.6%	643	3.1%	12.5%	10.9%	73.4%
21237	163	134	82.2%	681	8.2%	8.2%	15.7%	67.9%
21239	22	17	77.3%	544	11.8%	11.8%	17.6%	58.8%
21244	317	244	77.0%	638	9.4%	11.5%	12.3%	66.8%
21250	2	***	***	***	***	***	***	***
21252	0	--	--	--	--	--	--	--
21286	70	52	74.3%	611	9.6%	11.5%	17.3%	61.5%
Unknown	3	2	66.7%	933	0.0%	0.0%	0.0%	100.0%
Total	3,597	2,741	76.2%	629	7.9%	11.4%	15.1%	65.6%

Table 5 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
21013	3	***	***	***	***
21030	85	66	77.6%	87.9%	30,360
21031	0	--	--	--	--
21043	***	***	***	***	***
21051	***	***	***	***	***
21052	0	--	--	--	--
21053	6	***	***	***	***
21057	1	***	***	***	***
21071	***	***	***	***	***
21074	0	--	--	--	--
21082	0	--	--	--	--
21085	0	--	--	--	--
21087	5	5	100.0%	80.0%	800
21093	39	29	74.4%	96.6%	7,080
21102	0	--	--	--	--
21104	***	***	***	***	***
21105	***	***	***	***	***
21111	5	***	***	***	***
21117	276	212	76.8%	89.2%	4,470
21120	7	5	71.4%	100.0%	--
21128	16	13	81.3%	100.0%	--
21131	4	***	***	***	***
21133	293	232	79.2%	87.9%	6,093
21136	106	77	72.6%	87.0%	44,200
21152	5	5	100.0%	100.0%	--
21153	***	***	***	***	***
21155	0	--	--	--	--
21156	0	--	--	--	--
21161	1	***	***	***	***
21162	8	6	75.0%	100.0%	--
21163	12	7	58.3%	85.7%	820
21204	62	51	82.3%	92.2%	3,222
21206	76	57	75.0%	87.7%	756
21207	380	304	80.0%	85.5%	8,700
21208	161	143	88.8%	89.5%	9,360
21209	44	36	81.8%	94.4%	34,300
21210	***	***	***	***	***
21212	26	21	80.8%	95.2%	6,430
21215	32	24	75.0%	87.5%	2,340
21219	16	15	93.8%	100.0%	--
21220	157	121	77.1%	89.3%	1,500
21221	223	170	76.2%	83.5%	6,822
21222	204	164	80.4%	89.6%	25,000
21224	32	22	68.8%	86.4%	4,750
21227	113	85	75.2%	90.6%	14,080

21228	162	134	82.7%	88.1%	22,005
21229	69	53	76.8%	77.4%	1,440
21234	269	204	75.8%	90.7%	7,010
21236	92	66	71.7%	92.4%	73,300
21237	163	139	85.3%	87.8%	27,500
21239	22	17	77.3%	88.2%	130,135
21244	317	252	79.5%	86.5%	11,800
21250	2	***	***	***	***
21252	0	--	--	--	--
21286	70	55	78.6%	96.4%	210,050
Unknown	3	2	66.7%	50.0%	400
Total	3,597	2,834	78.8%	88.4%	8,645

Section V – People Living with Diagnosed HIV by Age

Table 6 – Reported HIV Diagnoses During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2019

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
<5 (Pediatric)	48,780	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	79,803	1	0.8%	1.3	***	***	***	***	***
13-19	72,784	9	7.4%	12.4	100.0%	100.0%	0.0%	100.0%	363
20-29	107,297	48	39.7%	44.7	81.3%	85.4%	10.4%	83.3%	472
30-39	110,396	25	20.7%	22.6	80.0%	88.0%	28.0%	88.0%	419
40-49	98,740	15	12.4%	15.2	80.0%	80.0%	***	93.3%	264
50-59	112,965	16	13.2%	14.2	87.5%	93.8%	43.8%	100.0%	141
60+	197,666	7	5.8%	3.5	***	***	***	***	***
Total	828,431	121	100.0%	14.6	83.5%	88.4%	20.7%	90.1%	385

*** Data withheld due to low population counts and/or small numbers

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	48,780	1	0.0%	2.1	48,780
5-12 (Pediatric)	79,803	6	0.2%	7.5	13,301
13-19	72,784	28	0.8%	38.5	2,599
20-29	107,297	343	9.5%	319.7	313
30-39	110,396	671	18.6%	607.8	165
40-49	98,740	798	22.1%	808.2	124
50-59	112,965	1,055	29.3%	933.9	107
60+	197,666	702	19.5%	355.1	282
Total	828,431	3,604	100.0%	435.0	230

Table 8 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	28	22	78.6%	735	0.0%	13.6%	18.2%	68.2%
20-29	343	264	77.0%	618	8.7%	8.0%	15.9%	67.4%
30-39	671	512	76.3%	645	7.0%	11.1%	14.3%	67.6%
40-49	798	606	75.9%	644	7.4%	11.2%	13.7%	67.7%
50-59	1,055	802	76.0%	624	10.2%	11.6%	14.0%	64.2%
60+	702	535	76.2%	597	5.8%	13.1%	18.7%	62.4%
Total	3,597	2,741	76.2%	629	7.9%	11.4%	15.1%	65.6%

Table 9 – Viral Load Test Results During 2018 for People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	28	23	82.1%	82.6%	10,715
20-29	343	268	78.1%	74.6%	9,660
30-39	671	518	77.2%	87.6%	10,150
40-49	798	628	78.7%	89.2%	12,465
50-59	1,055	835	79.1%	89.1%	5,840
60+	702	562	80.1%	94.1%	4,510
Total	3,597	2,834	78.8%	88.4%	8,645

Section VI – People Aged 13+ Living with Diagnosed HIV by Demographics

Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	% with Test
Sex at Birth									
Male	327,253	89	74.2%	27.2	84.3%	86.5%	21.3%	88.8%	331
Female	372,595	31	25.8%	8.3	80.6%	93.5%	19.4%	93.5%	461
Gender									
Male	327,253	89	74.2%	27.2	84.3%	86.5%	21.3%	88.8%	331
Female	372,595	31	25.8%	8.3	80.6%	93.5%	19.4%	93.5%	461
Transgender Female	--	0	0.0%	--	--	--	--	--	--
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	33,579	3	2.5%	8.9	***	***	***	***	***
Non-Hispanic	666,268	117	97.5%	17.6	82.9%	88.0%	20.5%	89.7%	378
American Indian/Alaska Native, only	1,890	1	0.8%	52.9	***	***	***	***	***
Asian, only	43,039	4	3.3%	9.3	***	***	***	***	***
Black, only	197,693	92	76.7%	46.5	81.5%	88.0%	18.5%	89.1%	359
Native Hawaiian/Other Pacific Islander, only	248	0	0.0%	0.0	--	--	--	--	--
White, only	411,490	17	14.2%	4.1	82.4%	82.4%	***	88.2%	534
Multiracial/Other	11,908	3	2.5%	25.2	***	***	***	***	***
Total	699,848	120	100.0%	17.1	83.3%	88.3%	20.8%	90.0%	382
Country of Birth									
United States	604,846	106	88.3%	17.5	81.1%	86.8%	20.8%	88.7%	332
Foreign-Born	94,738	9	7.5%	9.5	100.0%	100.0%	***	100.0%	467
Africa	--	6	5.0%	--	100.0%	100.0%	***	100.0%	467
Asia	--	3	2.5%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	0	0.0%	--	--	--	--	--	--
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	5	4.2%	--	100.0%	100.0%	***	100.0%	800
Total	699,585	120	100.0%	17.2	83.3%	88.3%	20.8%	90.0%	382

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

*** Data withheld due to low population counts and/or small numbers

Table 11 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Sex at Birth					
Male	327,253	2,275	63.2%	695.2	144
Female	372,595	1,322	36.8%	354.8	282
Gender					
Male	327,253	2,249	62.5%	687.2	146
Female	372,595	1,320	36.7%	354.3	282
Transgender Female	--	26	0.7%	--	--
Transgender Male	--	2	0.1%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	33,579	180	5.0%	536.0	187
Non-Hispanic	666,268	3,417	95.0%	512.9	195
American Indian/Alaska Native, only	1,890	3	0.1%	158.7	630
Asian, only	43,039	42	1.2%	97.6	1,025
Black, only	197,693	2,534	70.4%	1,281.8	78
Native Hawaiian/Other Pacific Islander, only	248	0	0.0%	0.0	--
White, only	411,490	590	16.4%	143.4	697
Multiracial/Other	11,908	248	6.9%	2,082.7	48
Total	699,848	3,597	100.0%	514.0	195
Country of Birth					
United States	604,846	3,147	87.5%	520.3	192
Foreign-Born	94,738	346	9.6%	365.2	274
Africa	--	211	5.9%	--	--
Asia	--	54	1.5%	--	--
Caribbean	--	23	0.6%	--	--
Central America	--	33	0.9%	--	--
Other	--	25	0.7%	--	--
Unknown	--	104	2.9%	--	--
Total	699,585	3,597	100.0%	514.2	194

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

Table 12 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	2,275	1,709	75.1%	616	7.3%	12.1%	16.0%	64.7%
Female	1,322	1,032	78.1%	663	8.9%	10.3%	13.7%	67.2%
Gender								
Male	2,249	1,689	75.1%	612	7.4%	12.0%	16.0%	64.5%
Female	1,320	1,030	78.0%	663	8.9%	10.3%	13.7%	67.1%
Transgender Female	26	***	***	***	***	***	***	***
Transgender Male	2	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	180	143	79.4%	565	9.8%	16.1%	16.1%	58.0%
Non-Hispanic	3,417	2,598	76.0%	631	7.8%	11.1%	15.1%	66.0%
American Indian/Alaska Native, only	3	***	***	***	***	***	***	***
Asian, only	42	***	***	***	***	***	***	***
Black, only	2,534	1,933	76.3%	636	7.9%	10.9%	15.2%	66.1%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	590	440	74.6%	627	8.2%	12.5%	12.7%	66.6%
Multiracial/Other	248	192	77.4%	629	7.3%	7.8%	16.7%	68.2%
Country of Birth								
United States	3,147	2,416	76.8%	628	8.4%	11.3%	14.7%	65.6%
Foreign-Born	346	248	71.7%	622	3.2%	13.7%	17.7%	65.3%
Africa	211	150	71.1%	633	3.3%	11.3%	16.0%	69.3%
Asia	54	38	70.4%	513	2.6%	18.4%	26.3%	52.6%
Caribbean	23	15	65.2%	704	0.0%	6.7%	20.0%	73.3%
Central America	33	30	90.9%	571	6.7%	26.7%	13.3%	53.3%
Other	25	15	60.0%	671	0.0%	6.7%	20.0%	73.3%
Unknown	104	77	74.0%	666	6.5%	7.8%	20.8%	64.9%
Total	3,597	2,741	76.2%	629	7.9%	11.4%	15.1%	65.6%

*** Data withheld due to low population counts and/or small numbers

Table 13 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	2,275	1,771	77.8%	89.0%	6,770
Female	1,322	1,063	80.4%	87.5%	10,200
Gender					
Male	2,249	1,750	77.8%	89.2%	8,564
Female	1,320	1,061	80.4%	87.5%	10,200
Transgender Female	26	***	***	***	***
Transgender Male	2	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	180	144	80.0%	86.1%	12,093
Non-Hispanic	3,417	2,690	78.7%	88.6%	8,552
American Indian/Alaska Native, only	3	***	***	***	***
Asian, only	42	***	***	***	***
Black, only	2,534	1,990	78.5%	86.9%	8,540
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	590	466	79.0%	92.7%	14,050
Multiracial/Other	248	199	80.2%	93.5%	1,980
Country of Birth					
United States	3,147	2,495	79.3%	87.5%	8,735
Foreign-Born	346	255	73.7%	95.3%	2,226
Africa	211	153	72.5%	96.1%	5,306
Asia	54	41	75.9%	95.1%	534
Caribbean	23	16	69.6%	93.8%	6,900
Central America	33	30	90.9%	93.3%	4,837
Other	25	15	60.0%	93.3%	844
Unknown	104	84	80.8%	95.2%	62,500
Total	3,597	2,834	78.8%	88.4%	8,645

*** Data withheld due to low population counts and/or small numbers

Section VII – People Living with Diagnosed HIV by Expanded Demographics

Figure 10 – Population Pyramids of Total People Living with Diagnosed HIV, by Age on December 31, 2018, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019

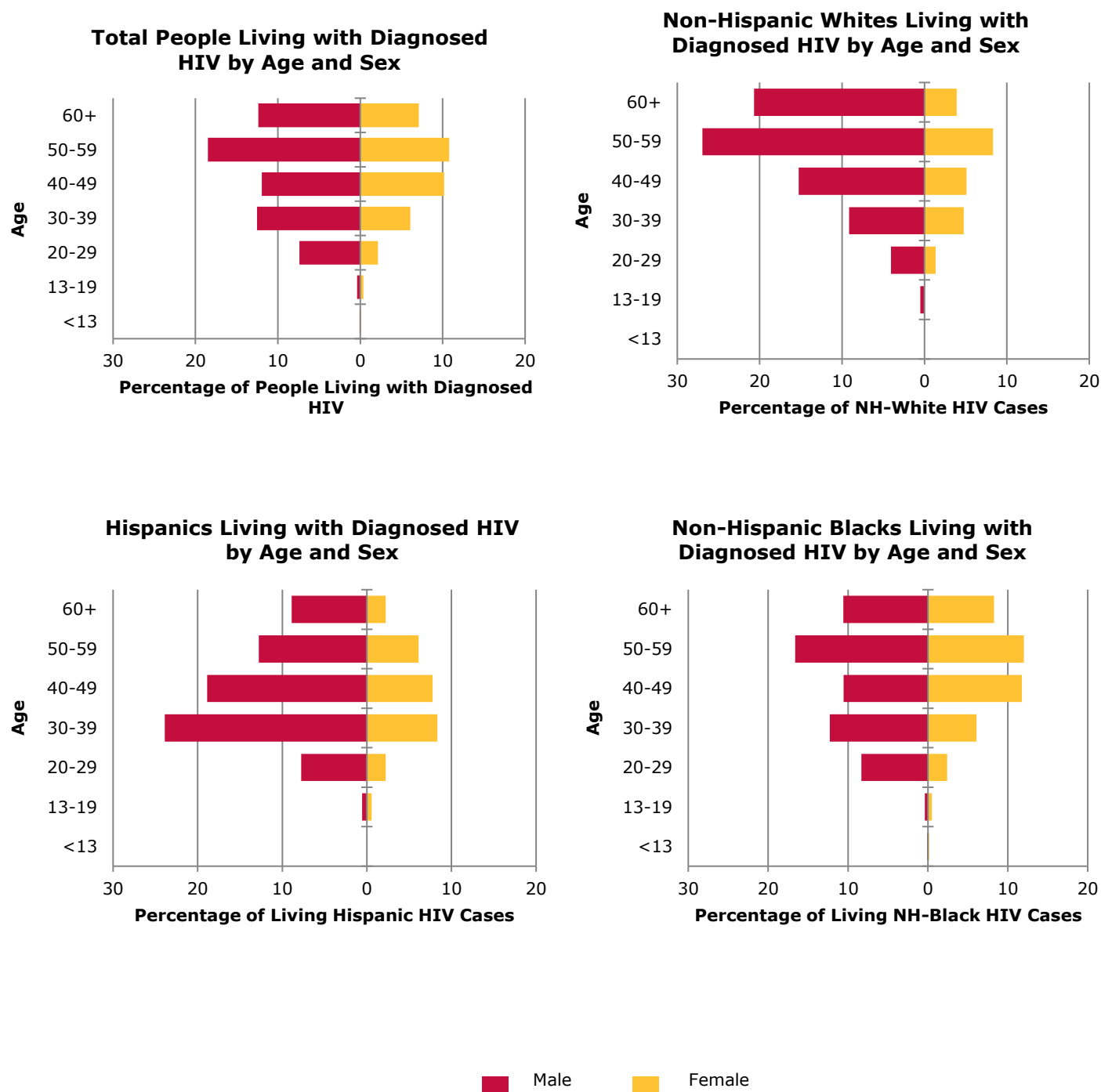


Table 14 – Total Males Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019

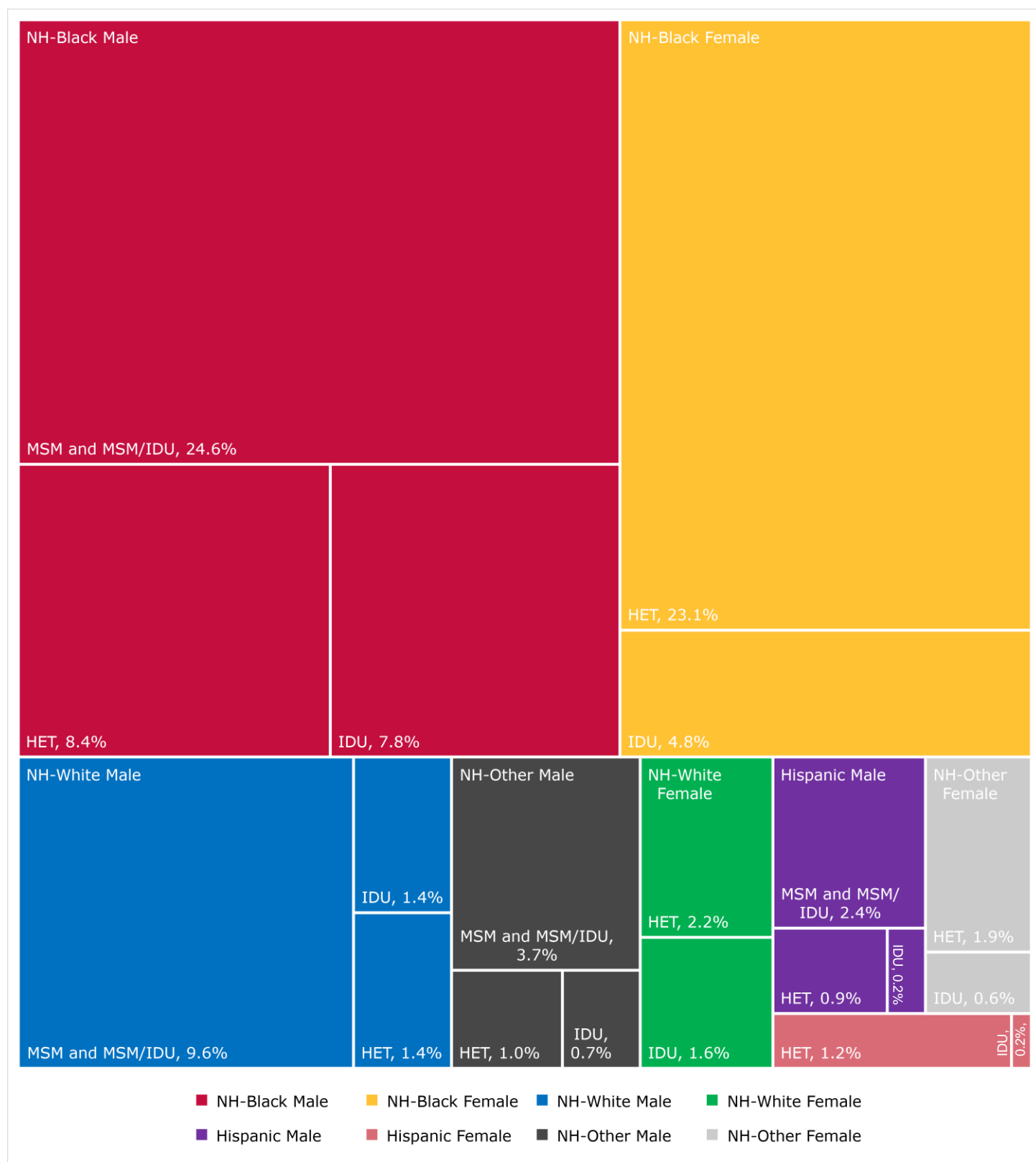
Total Males Living with Diagnosed HIV						
Age on December 31, 2018		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	6,857	21,471	29,175	7,954	65,457
	Number	0	3	0	0	3
	Rate	0.0	14.0	0.0	0.0	4.6
	Ratio (1 in X)	--	7,157	--	--	21,819
13-19	Population	2,801	12,272	17,682	3,921	36,676
	Number	1	10	3	0	14
	Rate	35.7	81.5	17.0	0.0	38.2
	Ratio (1 in X)	2,801	1,227	5,894	--	2,620
20-29	Population	3,464	16,803	27,177	5,403	52,847
	Number	14	212	24	16	266
	Rate	404.2	1,261.7	88.3	296.1	503.3
	Ratio (1 in X)	247	79	1,132	338	199
30-39	Population	4,332	14,818	28,018	5,454	52,622
	Number	43	312	54	43	452
	Rate	992.6	2,105.5	192.7	788.4	859.0
	Ratio (1 in X)	101	47	519	127	116
40-49	Population	3,338	13,590	24,945	4,621	46,494
	Number	34	268	90	39	431
	Rate	1,018.6	1,972.0	360.8	844.0	927.0
	Ratio (1 in X)	98	51	277	118	108
50-59	Population	1,989	13,748	34,105	3,433	53,275
	Number	23	422	159	62	666
	Rate	1,156.4	3,069.5	466.2	1,806.0	1,250.1
	Ratio (1 in X)	86	33	214	55	80
60+	Population	1,589	15,793	63,386	4,571	85,339
	Number	16	269	122	39	446
	Rate	1,006.9	1,703.3	192.5	853.2	522.6
	Ratio (1 in X)	99	59	520	117	191
Total Males by Race/Ethnicity	Population	24,370	108,495	224,488	35,357	392,710
	Number	131	1,496	452	199	2,278
	Rate	537.5	1,378.9	201.3	562.8	580.1
	Ratio (1 in X)	186	73	497	178	172

Table 15 – Total Females Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019

		Total Females Living with Diagnosed HIV				
Age on December 31, 2018		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	6,393	21,040	27,846	7,847	63,126
	Number	0	4	0	0	4
	Rate	0.0	19.0	0.0	0.0	6.3
	Ratio (1 in X)	--	5,260	--	--	15,782
13-19	Population	2,674	12,110	17,440	3,884	36,108
	Number	1	12	0	1	14
	Rate	37.4	99.1	0.0	25.7	38.8
	Ratio (1 in X)	2,674	1,009	--	3,884	2,579
20-29	Population	3,284	18,823	26,863	5,480	54,450
	Number	4	61	8	4	77
	Rate	121.8	324.1	29.8	73.0	141.4
	Ratio (1 in X)	821	309	3,358	1,370	707
30-39	Population	3,580	19,435	28,952	5,807	57,774
	Number	15	154	28	22	219
	Rate	419.0	792.4	96.7	378.9	379.1
	Ratio (1 in X)	239	126	1,034	264	264
40-49	Population	2,844	17,970	26,149	5,283	52,246
	Number	14	299	30	24	367
	Rate	492.3	1,663.9	114.7	454.3	702.4
	Ratio (1 in X)	203	60	872	220	142
50-59	Population	1,751	17,569	36,437	3,933	59,690
	Number	11	305	49	24	389
	Rate	628.2	1,736.0	134.5	610.2	651.7
	Ratio (1 in X)	159	58	744	164	153
60+	Population	1,934	24,761	80,337	5,295	112,327
	Number	4	210	23	19	256
	Rate	206.8	848.1	28.6	358.8	227.9
	Ratio (1 in X)	484	118	3,493	279	439
Total Females by Race/Ethnicity	Population	22,460	131,708	244,024	37,529	435,721
	Number	49	1,045	138	94	1,326
	Rate	218.2	793.4	56.6	250.5	304.3
	Ratio (1 in X)	458	126	1,768	399	329

Section VIII – HIV Exposure Category

Figure 11 – Proportion of Total People Aged 13+ Living with Diagnosed HIV, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, Reported through June 30, 2019



Note. Other exposure category and perinatal transmission not shown (2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

Table 16 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019

Estimated or Reported Exposure Category	No.	Reported HIV Diagnoses Among People Aged 13+					
		% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	% with Test	Median Count
Male-to-male Sexual Contact (MSM)	69	57.3%	82.8%	85.6%	18.6%	86.6%	387
Injection Drug Use (IDU)	8	6.8%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	1	0.5%	***	***	***	***	***
Heterosexual Contact (HET)	43	35.4%	85.4%	94.6%	26.8%	95.3%	394
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	120	100.0%	83.3%	88.3%	20.8%	90.0%	382

Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	69	77.2%	82.8%	85.6%	18.6%	86.6%	387
Injection Drug Use (IDU)	5	5.4%	***	***	0.0%	95.8%	242
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	1	0.7%	***	***	***	***	***
Heterosexual Contact (HET)	15	16.7%	94.6%	95.3%	39.6%	97.3%	271
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	89	100.0%	84.3%	86.5%	21.3%	88.8%	331

Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	3	11.0%	***	***	***	***	***
Heterosexual Contact (HET)	28	89.0%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	31	100.0%	80.6%	93.5%	19.4%	93.5%	461

Note. Data for 2018 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

*** Data withheld due to low population counts and/or small numbers

Table 17 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MSM)	1,331	37.0%
Injection Drug Use (IDU)	625	17.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	120	3.3%
Heterosexual Contact (HET)	1,442	40.1%
Perinatal Transmission	66	1.8%
Other Exposure	6	0.2%
No Estimated or Reported Exposure	7	0.2%
Total	3,597	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MSM)	1,331	58.5%
Injection Drug Use (IDU)	367	16.1%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	120	5.3%
Heterosexual Contact (HET)	419	18.4%
Perinatal Transmission	28	1.2%
Other Exposure	6	0.3%
No Estimated or Reported Exposure	3	0.1%
Total	2,275	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	257	19.5%
Heterosexual Contact (HET)	1,023	77.4%
Perinatal Transmission	38	2.9%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	4	0.3%
Total	1,322	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

Table 18 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, and Reported through June 30, 2019

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MSM)	81	44.9%	802	31.7%	322	54.6%
Injection Drug Use (IDU)	14	7.7%	454	17.9%	108	18.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	4.1%	82	3.3%	23	3.8%
Heterosexual Contact (HET)	74	41.1%	1,134	44.7%	130	22.0%
Perinatal Transmission	1	0.6%	54	2.1%	4	0.7%
Other Exposure	1	0.6%	2	0.1%	3	0.5%
No Estimated or Reported Exposure	2	1.1%	5	0.2%	0	0.0%
Total	180	100.0%	2,533	100.0%	590	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	81	61.8%	802	53.8%	322	71.3%
Injection Drug Use (IDU)	9	7.0%	281	18.8%	50	11.1%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	5.6%	82	5.5%	23	5.0%
Heterosexual Contact (HET)	31	23.4%	303	20.3%	51	11.3%
Perinatal Transmission	1	0.8%	20	1.3%	3	0.7%
Other Exposure	1	0.8%	2	0.1%	3	0.7%
No Estimated or Reported Exposure	1	0.8%	2	0.1%	0	0.0%
Total	131	100.0%	1,492	100.0%	452	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	5	9.4%	173	16.6%	58	42.2%
Heterosexual Contact (HET)	43	88.6%	831	79.8%	79	57.1%
Perinatal Transmission	0	0.0%	34	3.3%	1	0.7%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	1	2.0%	3	0.3%	0	0.0%
Total	49	100.0%	1,041	100.0%	138	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

Table 19 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	1,331	1,007	75.6%	644	5.5%	10.9%	15.5%	68.1%
Injection Drug Use (IDU)	625	490	78.5%	580	12.1%	12.3%	15.3%	60.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	120	89	73.8%	589	9.2%	9.7%	16.7%	64.4%
Heterosexual Contact (HET)	1,442	1,099	76.2%	638	7.4%	11.4%	14.7%	66.5%
Perinatal Transmission	66	47	71.2%	523	23.4%	12.8%	12.8%	51.1%
Other Exposure	6	5	83.3%	533	20.0%	20.0%	0.0%	60.0%
No Estimated or Reported Exposure	7	4	57.1%	428	25.0%	25.0%	0.0%	50.0%
Total	3,597	2,741	76.2%	629	7.9%	11.4%	15.1%	65.6%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

Table 20 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019

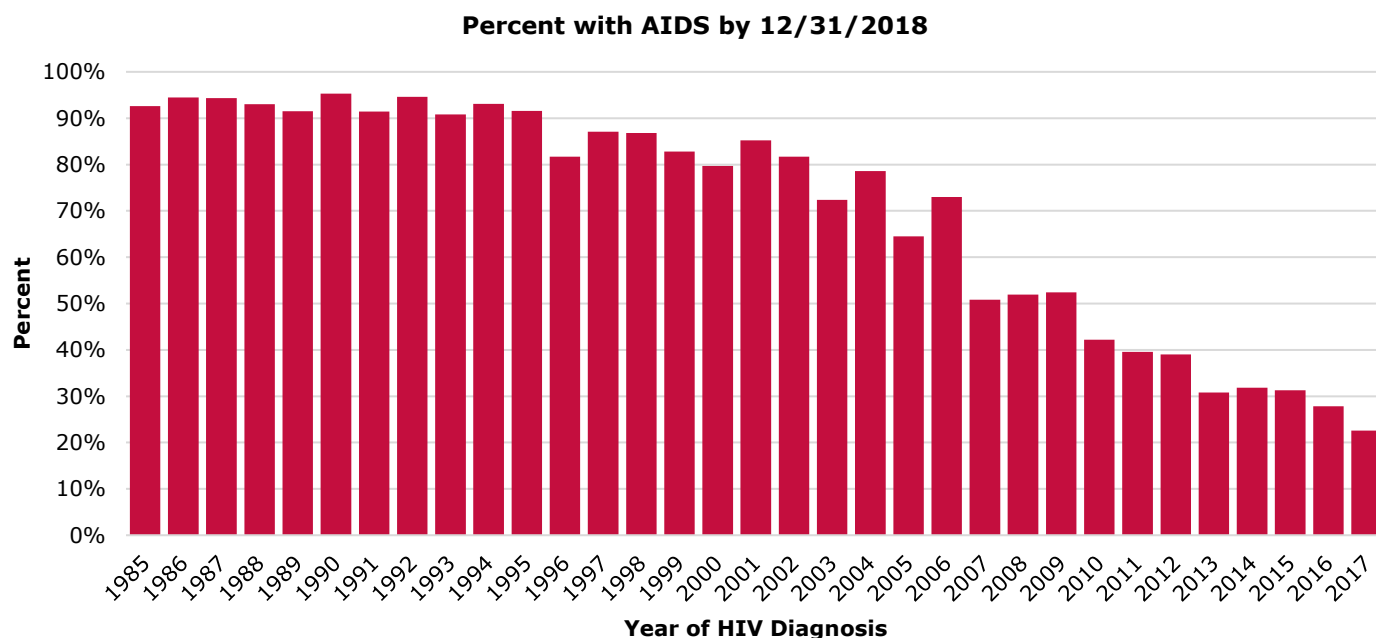
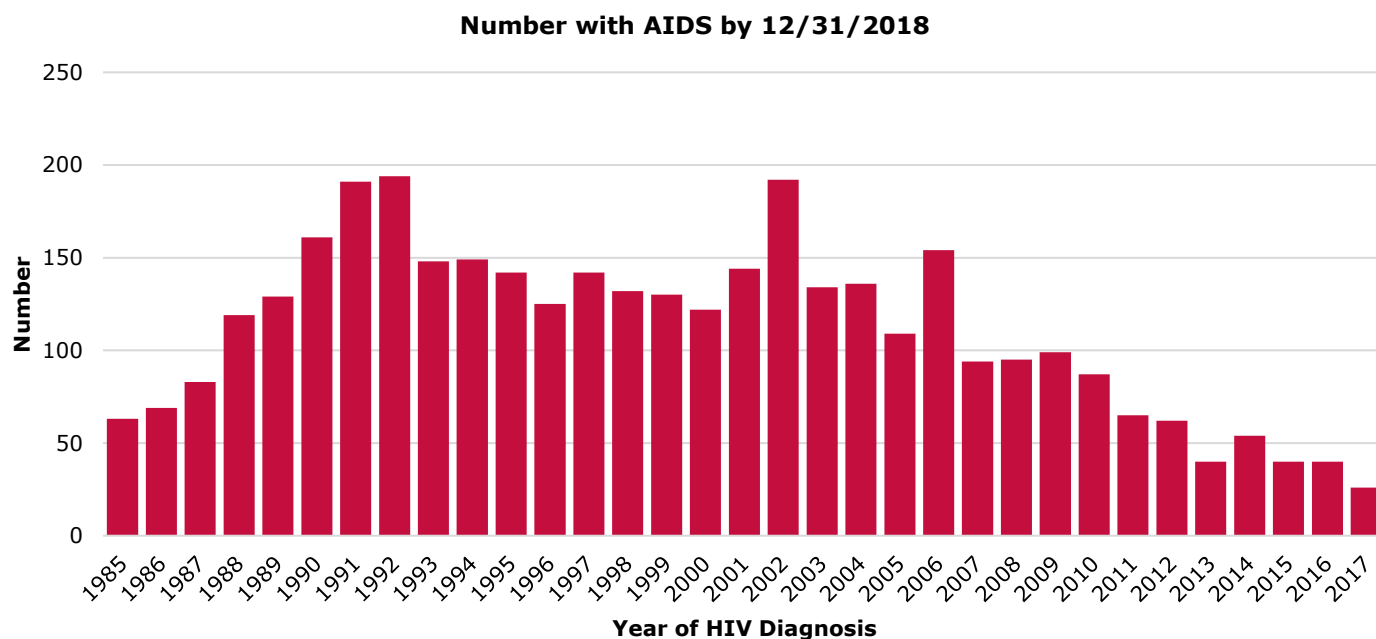
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male-to-male Sexual Contact (MSM)	1,331	1,057	79.4%	89.1%	5,840
Injection Drug Use (IDU)	625	501	80.2%	87.7%	8,680
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	120	87	72.0%	93.3%	125,019
Heterosexual Contact (HET)	1,442	1,131	78.4%	88.8%	9,610
Perinatal Transmission	66	49	74.2%	67.3%	9,830
Other Exposure	6	5	83.3%	100.0%	--
No Estimated or Reported Exposure	7	5	71.4%	40.0%	2,850
Total	3,597	2,834	78.8%	88.4%	8,645

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section IX – Disease Progression and Mortality

Figure 12 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2017, Reported through June 30, 2019

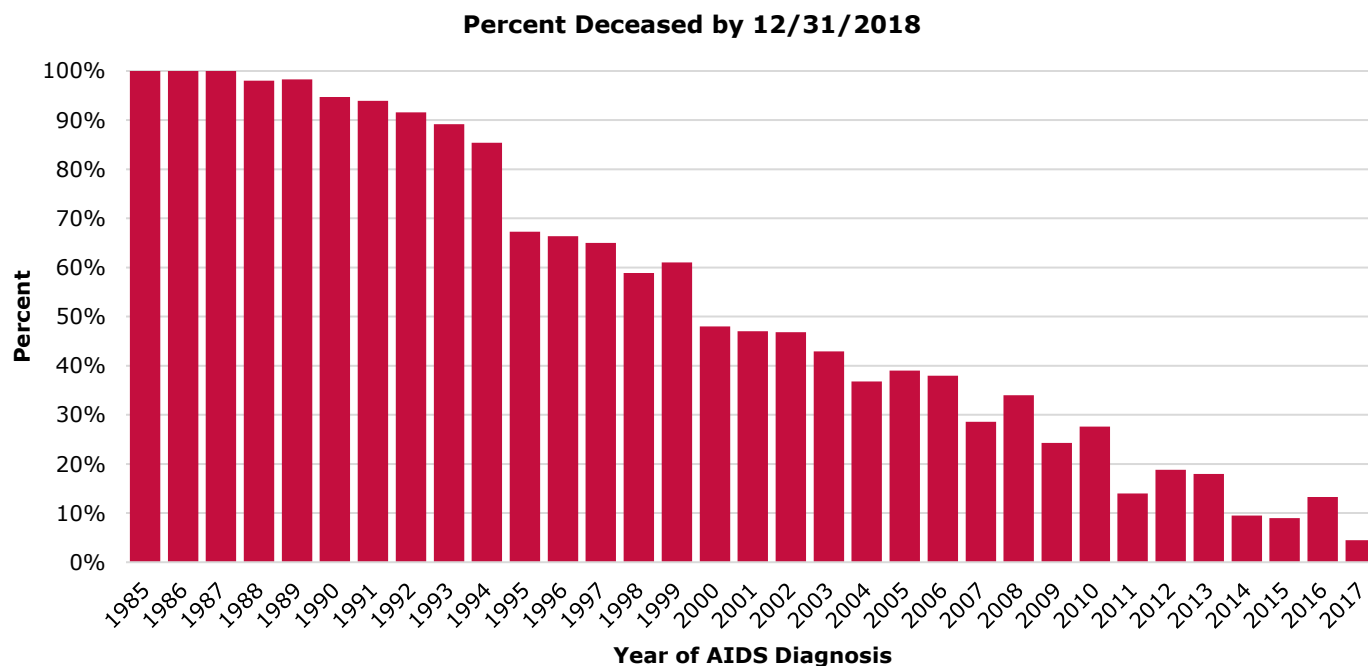
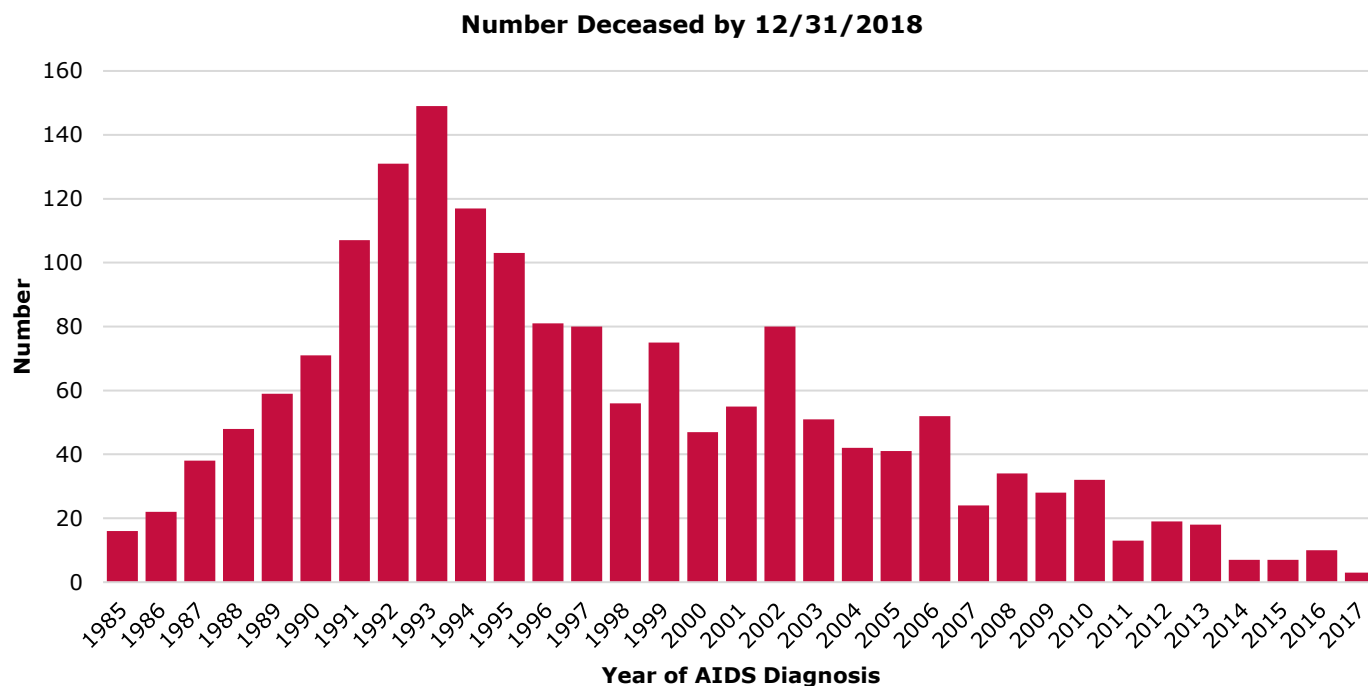
Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, (Reported HIV Diagnoses Among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2018 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ by December 31, 2018, the Average Years from HIV Diagnosis to AIDS Diagnosis for People with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2017, Reported through June 30, 2019



Reported HIV Diagnoses Among People Aged 13+									
Year of HIV Diagnosis	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis				
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years	
<1985	43	41	95.3%	8.1	25.6%	25.6%	27.9%	60.5%	
1985	68	63	92.6%	7.3	26.5%	26.5%	33.8%	70.6%	
1986	73	69	94.5%	5.7	31.5%	31.5%	45.2%	82.2%	
1987	88	83	94.3%	4.4	38.6%	42.0%	58.0%	85.2%	
1988	128	119	93.0%	4.1	43.8%	45.3%	64.8%	83.6%	
1989	141	129	91.5%	4.2	39.0%	43.3%	62.4%	81.6%	
1990	169	161	95.3%	3.2	44.4%	53.8%	78.7%	88.2%	
1991	209	191	91.4%	3.1	46.9%	55.0%	72.2%	81.8%	
1992	205	194	94.6%	2.9	47.8%	57.6%	75.6%	88.3%	
1993	163	148	90.8%	2.2	54.6%	60.7%	77.3%	87.7%	
1994	160	149	93.1%	2.3	55.6%	63.1%	78.8%	89.4%	
1995	155	142	91.6%	2.4	56.8%	62.6%	76.8%	86.5%	
1996	153	125	81.7%	1.6	61.4%	65.4%	72.5%	78.4%	
1997	163	142	87.1%	2.2	57.1%	58.9%	71.8%	83.4%	
1998	152	132	86.8%	1.4	63.8%	68.4%	78.3%	86.2%	
1999	157	130	82.8%	1.8	56.1%	58.6%	72.6%	79.6%	
2000	153	122	79.7%	1.6	56.2%	60.8%	69.3%	78.4%	
2001	169	144	85.2%	1.7	60.9%	66.3%	76.3%	81.7%	
2002	235	192	81.7%	1.8	60.4%	64.3%	70.2%	77.4%	
2003	185	134	72.4%	1.3	56.2%	61.1%	64.3%	69.2%	
2004	173	136	78.6%	1.7	58.4%	64.2%	68.8%	74.0%	
2005	169	109	64.5%	2.0	45.0%	47.9%	55.0%	60.9%	
2006	211	154	73.0%	1.1	59.7%	63.5%	66.8%	71.6%	
2007	185	94	50.8%	1.7	35.7%	38.4%	42.7%	49.7%	
2008	183	95	51.9%	1.3	38.8%	39.3%	47.5%	51.9%	
2009	189	99	52.4%	1.5	35.4%	37.6%	46.6%	--	
2010	206	87	42.2%	1.6	26.2%	28.6%	38.8%	--	
2011	164	65	39.6%	1.3	29.3%	33.5%	35.4%	--	
2012	159	62	39.0%	1.0	28.9%	32.1%	37.7%	--	
2013	130	40	30.8%	0.5	26.9%	29.2%	30.8%	--	
2014	170	54	31.8%	0.7	25.3%	27.6%	--	--	
2015	128	40	31.3%	0.4	27.3%	28.9%	--	--	
2016	144	40	27.8%	0.4	25.0%	27.1%	--	--	
2017	115	26	22.6%	0.1	22.6%	--	--	--	
Total	5,295	3,711	70.1%	2.3	44.8%	48.8%	58.3%	66.4%	

**Figure 13 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2017,
Reported through June 30, 2019**

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis Among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2018 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) Among People Aged 13+ by December 31, 2018, the Average Years from AIDS Diagnosis to Death for People that have Died, and the Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses Among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2017, Reported through June 30, 2019



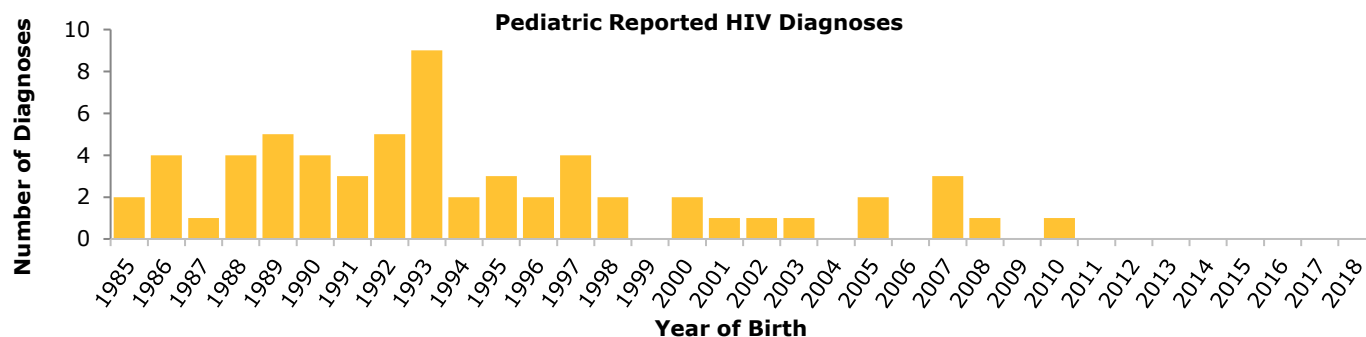
Year of AIDS Diagnosis	Reported AIDS Diagnoses Among People Aged 13+							
	No.	Reported AIDS Deaths		Mean Years from AIDS to Death	Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased		1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	16	16	100.0%	0.7	31.3%	0.0%	0.0%	0.0%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	38	38	100.0%	3.1	73.7%	44.7%	10.5%	7.9%
1988	49	48	98.0%	2.4	59.2%	42.9%	14.3%	4.1%
1989	60	59	98.3%	3.0	65.0%	41.7%	16.7%	6.7%
1990	75	71	94.7%	2.6	72.0%	52.0%	18.7%	9.3%
1991	114	107	93.9%	2.8	66.7%	47.4%	15.8%	12.3%
1992	143	131	91.6%	2.8	74.1%	50.3%	16.1%	12.6%
1993	167	149	89.2%	3.2	80.2%	49.1%	26.3%	16.8%
1994	137	117	85.4%	3.8	75.2%	56.9%	38.0%	24.1%
1995	153	103	67.3%	5.5	79.1%	68.0%	58.8%	48.4%
1996	122	81	66.4%	5.9	84.4%	77.9%	59.8%	48.4%
1997	123	80	65.0%	5.6	82.1%	77.2%	61.8%	47.2%
1998	95	56	58.9%	6.1	89.5%	81.1%	70.5%	54.7%
1999	123	75	61.0%	6.7	91.1%	82.9%	73.2%	51.2%
2000	98	47	48.0%	4.7	87.8%	82.7%	65.3%	59.2%
2001	117	55	47.0%	5.7	92.3%	82.1%	70.1%	64.1%
2002	171	80	46.8%	6.5	93.0%	91.2%	78.4%	66.7%
2003	119	51	42.9%	4.5	85.7%	81.5%	72.3%	64.7%
2004	114	42	36.8%	4.8	92.1%	90.4%	78.9%	70.2%
2005	105	41	39.0%	3.9	87.6%	82.9%	73.3%	66.7%
2006	137	52	38.0%	4.3	86.1%	83.2%	76.6%	65.7%
2007	84	24	28.6%	3.4	86.9%	83.3%	81.0%	73.8%
2008	100	34	34.0%	3.2	88.0%	84.0%	76.0%	66.0%
2009	115	28	24.3%	3.7	93.0%	90.4%	83.5%	--
2010	116	32	27.6%	3.0	90.5%	88.8%	81.0%	--
2011	93	13	14.0%	3.5	98.9%	96.8%	88.2%	--
2012	101	19	18.8%	1.9	93.1%	89.1%	82.2%	--
2013	100	18	18.0%	2.0	94.0%	89.0%	83.0%	--
2014	74	7	9.5%	1.3	98.6%	90.5%	--	--
2015	78	7	9.0%	1.2	94.9%	93.6%	--	--
2016	75	10	13.3%	0.3	88.0%	86.7%	--	--
2017*	67	3	4.5%	0.5	97.0%	--	--	--
Total	3,309	1,724	52.1%	4.1	85.0%	75.7%	62.2%	54.1%

*2017 AIDS deaths are preliminary

Section X – Pediatrics

Figure 14 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2018, Reported through June 30, 2019

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Children with Diagnosed HIV, Age <13 at HIV Diagnosis, and Not Reported to have Died as of December 31st of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2018, as Reported by Name through June 30, 2019



Year	Pediatric Reported HIV Diagnoses				Total Living Pediatric Diagnoses Alive on December 31 st of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	3	1	1	0	--
1985	2	0	0	0	0
1986	4	0	0	0	0
1987	1	2	2	0	0
1988	4	0	0	1	0
1989	5	5	4	2	1
1990	4	4	1	1	4
1991	3	4	2	0	7
1992	5	10	3	0	16
1993	9	3	1	1	18
1994	2	7	4	2	23
1995	3	2	2	1	24
1996	2	2	1	1	26
1997	4	1	0	0	28
1998	2	0	2	0	26
1999	0	0	0	0	26
2000	2	2	0	0	28
2001	1	1	0	0	30
2002	1	1	0	0	31
2003	1	0	1	0	30
2004	0	1	0	0	31
2005	2	1	0	0	32
2006	0	2	0	1	34
2007	3	8	0	0	43
2008	1	2	1	0	44
2009	0	3	2	2	45
2010	1	0	3	1	44
2011	0	1	2	1	44
2012	0	0	1	0	45
2013	0	1	1	0	48
2014	0	0	1	0	47
2015	0	0	0	0	47
2016	0	0	0	0	49
2017	0	0	2	0	49
2018	0	1	2	0	50
Total	65	65	39	14	--

Table 21 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
21133	1	14.3%
21208	2	28.6%
21212	1	14.3%
21221	1	14.3%
21234	1	14.3%
21236	1	14.3%
Total	7	100.0%

Table 22 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2019

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Sex at Birth		
Male	3	42.9%
Female	4	57.1%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	7	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	7	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	0	0.0%
Total	7	100.0%

Glossary of Terms

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of people living with diagnosed HIV on the specified date.

Another Gender Identity: All other gender identities or gender expressions.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result.

Corrections: Residence in a state or federal prison. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent with Test: Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: People's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: Refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month or 3 months after their initial HIV diagnosis.

People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year and not reported to have died as of December 31st of the specified year.

People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Percent Change: The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Percent: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures by year of birth.

Perinatal HIV Transmission Rate: Number of confirmed perinatal HIV transmissions divided by the number of live births multiplied by 100,000 by year of birth.

Population: Population estimate for July 1, 2018.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2018.

Rate: Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported AIDS Diagnoses Among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported HIV Diagnoses Among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Total People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year not reported to have died as of December 31st of the specified year.

Total People Aged <13 Living with Diagnosed HIV: Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31st of the specified year.

Total People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Transgender Female: A person whose sex assigned at birth is male but who identify as a woman.

Transgender Male: A person whose sex assigned at birth is female but who identify as a man.

Viral Load With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.

Women of Childbearing Age Living with Diagnosed HIV: Reported HIV diagnoses among women of childbearing age (13-49 years old).